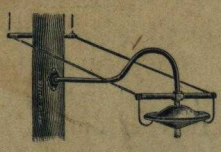
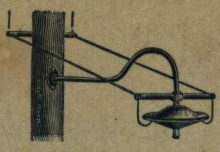
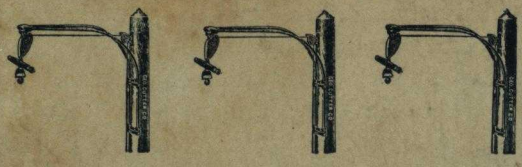


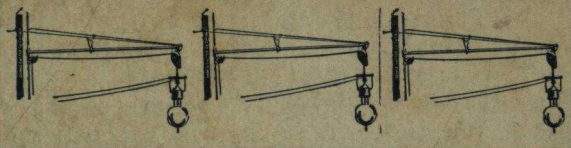


Catalog Number Six



Cutter's

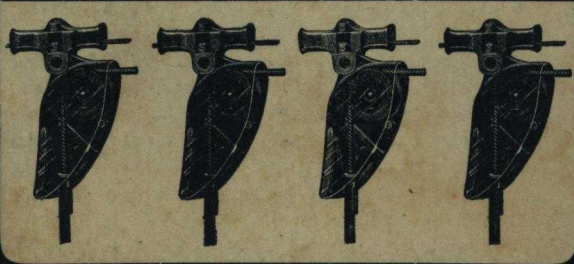
Electric Light Specialties



George Cutter Co.

100 Lake Street

CHICAGO



What and Why:

EVERY year of progress in electric light practice demands a corresponding progress in the devices used for insulating, supporting and protecting both arc and incandescent lamps. Even with the best of lamps and generators the reliability of the service will depend largely on the fittings used with them. These must be durable, specially adapted to their work, neat, not liable to get out of order, easily put up and reasonable in price.

To produce such devices required specializing, for which neither the lamp makers, nor the dynamo builders, nor the manufacturers of general supplies have had the time and facilities. Such devotion to this one important line has led to the George Cutter specialties, pictured on the following pages. Thousands of users are already profiting by the practical ingenuity, durable material and good workmanship combined in these devices. Indeed, the older forms are already the standards in their line and hence specified for all first-class work by prominent consulting engineers and central station managers. The newer specialties (also shown herewith) have been worked out with the same care and study, and therefore ought to prove equally serviceable and popular.

Our cuts show only the regular forms of these devices, but we can also furnish other types and sizes to meet special conditions.

GEORGE CUTTER CO.

In Ordering

1. **Please use the trade names as given in this catalog, so as to avoid any misunderstanding. The code words given in parenthesis before each price are sufficient for telegraphic orders.**

2. If in doubt as to what will suit your needs, write us fully and we will be glad to give you such hints as our own experience may suggest.

3. **Send us cash or satisfactory references with your first order, otherwise it may be delayed while we inquire about your financial standing.** C. O. D. orders from parties unknown to us must be accompanied by enough cash to cover cost of transportation both ways.

4. State whether shipment is wanted by freight or express, and if a certain route is preferred, name it.

5. We pack goods carefully (making a moderate charge for the packing boxes, barrels or crates), but our responsibility ceases when we get the carrier's receipt for the packages "in good condition." Should any goods be lost in transit we will gladly help customers as far as we can in sustaining their claims against the transportation company.

6. Claims for shortage or errors must be made promptly on receipt of goods.

7. Remit by draft on Chicago or New York, by money order, or in registered letter.

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CATALOG NUMBER
SIX

CUTTER'S
ELECTRIC LIGHT SPECIALTIES

THE PRODUCT OF TWELVE YEARS DEVOTED TO MAKING AND PERFECTING DEVICES FOR INSULATING AND SUPPORTING OUTDOOR LAMPS.

George Cutter Co.
Patentees and Sole Makers
100 LAKE STREET
CHICAGO

Cutter's High Voltage Insulator

HAS a double petticoat *porcelain* bell, which forms a good watershed and gives high insulation even in wet weather. The rivets which fasten the metal cap to the porcelain pass under the elongated head of the bolt which supports the hook, so that this could not drop out even if the porcelain were broken with a hammer. The cap is sealed with insulating material and the extra petticoat gives a large surface insulation, making the device well suited for use on arc circuits exposed to weather, smoke or fumes.

Will outlast any composition insulator when exposed to the weather, hence is both the safest and most durable insulator for high voltage work.

While designed especially for use on arc circuits of high voltage, the extra protection and the lessening of leakage afforded by this insulator make it a desirable one even for circuits of comparatively low voltage.

Price, complete—(Warble) $0.50

Cutter's High Voltage Rope Clamp

SIMILAR to the above, with a clamp for wire rope fastened to the cap of the insulator.

Complete as pictured—(Warbling) $0.60

For other modifications of the High Voltage Insulator see pages 19 and 53.

Cutter's Triple Insulation Arm

HAS the High Voltage Insulator above an enameled wood arm, thus giving a TRIPLE insulation between the line wire and the supporting ring.

The arm is coated with a baked enamel, which outwears paint in the weather, and has its ends bound by strong metal ferrules to prevent their splitting. Every part of the whole device is built for fine wear and high insulation, making it *by far the best insulating arm for all high voltage lamps*, and the only one adapted for use with alternating series lamps.

Complete with sister-hook—(Warlike) $0.75

Which will you have:
Leakage in wet weather, or a supply of Cutter's Insulators?

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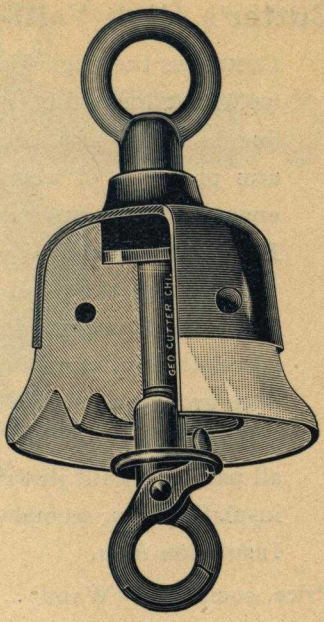
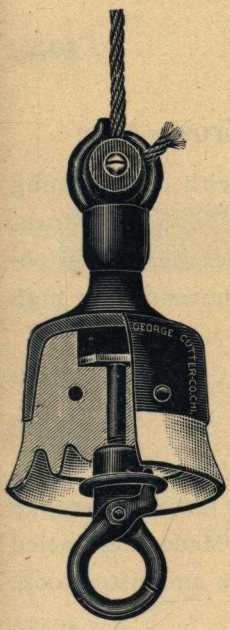
George

Cutter's
High Voltage
Insulator.

(Patented.)



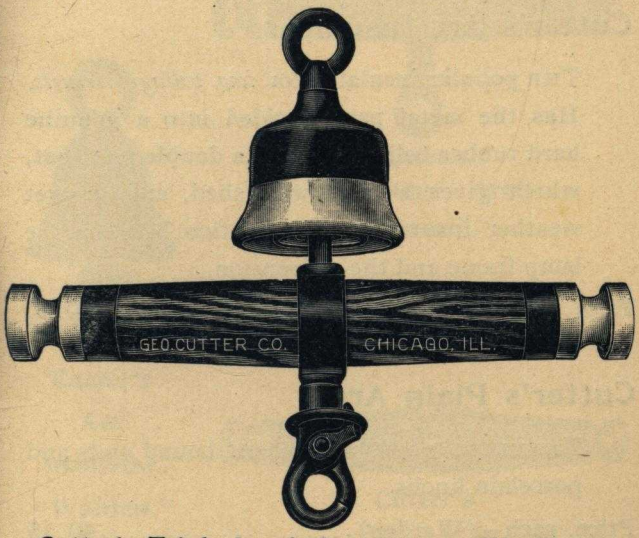
"Warble."



"Warbling."

Cutter's High Voltage
Rope Clamp.

(Patented.)



Cutter's Triple Insulation Arm. "Warlike."

(Patented.)

Cutter's High Voltage Cross-Arm

COMBINES the High Voltage Insulator with a well-built insulating spreader arm, making a fine insulating arm for use over arc lamps. The arm proper is of wood, coated with a baked enamel which keeps it dry and high insulating. Each end is bound by a malleable-iron ferrule which keeps the wood from splitting in case a heavy strain is put on the screws holding the porcelain insulators in place. The latter are deep groove, as shown in the cut.

The supporting ring is of malleable iron and all parts are built just right to make this a fine insulating arm, second only to Cutter's Triple Insulation Arm.

Price, complete—(Wand).....$0.70

Cutter's Combination Cross-Arm

SIMILAR to the above, but with an insulating bell of hard rubber (same as on the Arc Insulator shown on page 5). Popular for low potential circuits, but not recommended for high voltages.

Price, complete—(Wardrobe).....$0.60

Cutter's Economy Arm

A COMMON-SENSE cross-arm for use where the insulation is not important. Made of enameled wood, with metal bound ends and sister-hook.

Price, complete—(Warmth).....$0.25

Cutter's Arc Insulator

THE popular insulator for *low voltage circuits.* Has the metal parts molded into a genuine hard rubber bell, made with a double petticoat, which gives a good watershed, and in wet weather insures good insulation between the lamp frame and the suspension.

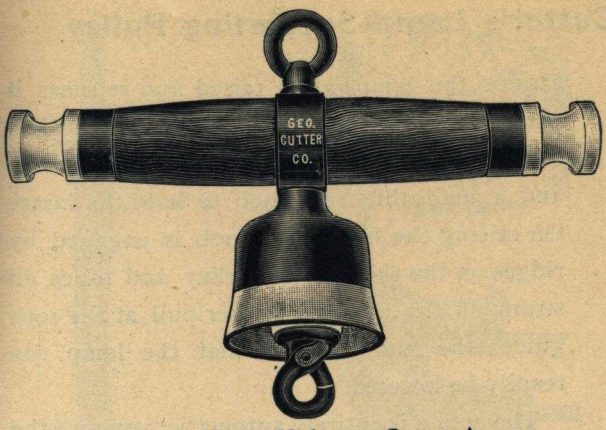
Price, complete—(Wanton).....$0.40

Cutter's Plain Arm

ENAMELED wood, with metal bound ends and porcelain knobs.

Price, each—(Warden).....$0.15

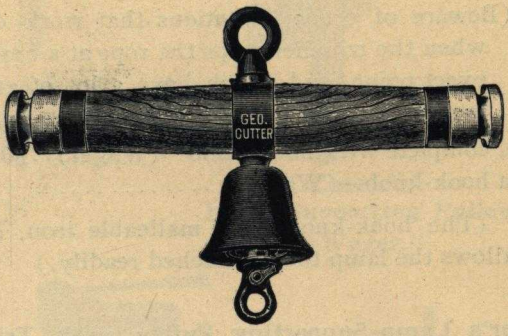
For Insulators that insulate, specify Cutter's.



Cutter's High Voltage Cross-Arm.

"Wand."

(Patented.)



Cutter's Combination Cross-Arm.

"Wardrobe."

Cutter's
"Economy" Arm.
"Warmth."

Cutter's
Arc
Insulator.
"Wanton."

Cutter's
Plain Arm.
"Warden."

Cutter's Lamp-Supporting Pulley

HOLDS the lamp when raised and releases it when about to be lowered. Has a long swivel clamp to fit any size suspension wire or cable and a malleable-iron knob to hold the lamp. On raising the lamp this knob is engaged by ridges on the sides of the pulley and takes all strain off the rope. Another pull at the rope guides the knob out so that the lamp can readily be lowered.

The action is entirely automatic; you pull the rope till it reaches a dead stop and the pulley does the rest. There are no extra catches or fingers to bend out of shape, or bind on the casing, or to get clogged with sleet. It is *the only weather-proof safety pulley that works every time.*

(Beware of crude imitations that work only when the trimmer stops the rope at a certain exact point, and which have a lot of extra moving parts to keep in order.)

Price, complete with hook-knob—(Wager) . . $0 .80
Extra hook-knob—(Wagon) 15

(The hook-knob is of malleable iron, and allows the lamp to be detached readily.)

Cutter's Lamp-Supporting Pulley with Triple Insulation Arm fitted direct to pulley knob.

(*The best combination for high voltage circuits.*)

Price—(Wrestle) $1.55

Knob alone with Triple Insulation Arm.

Price—(Wrestling) $0.90

Cutter's Lamp-Supporting Pulley with High Voltage Insulator.

Price—(Wag) $1.30

Knob alone with High Voltage Insulator.

Price—(Waggonette) $0.65

Cutter's Lamp-Supporting Pulley with High Voltage Arm fitted direct to pulley knob (see cut page 9).

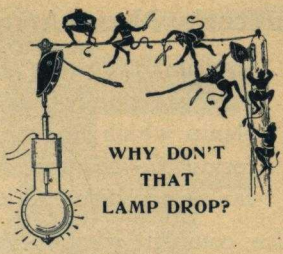
Price—(Wagering) $1.50

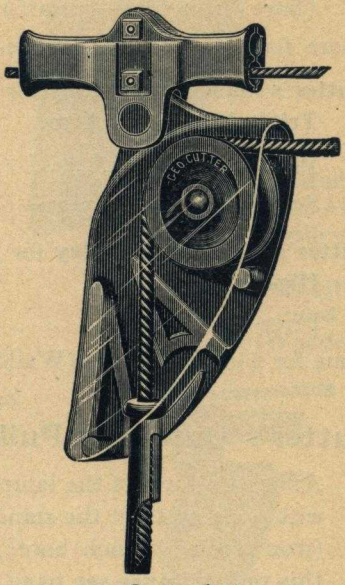
Knob alone with High Voltage Arm.

Price—(Waggoner) $0.85

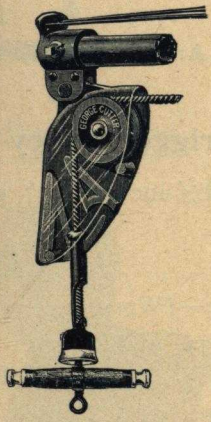
Use Cutter's ⅜-inch (or ½-inch) Banner Core Rope with the above pulleys.

Hook Knob
"Wagon."



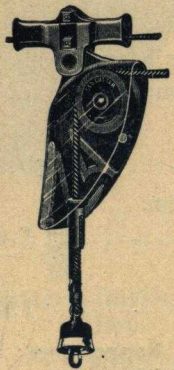


Cutter's
Lamp-Supporting Pulley.
"Wager."

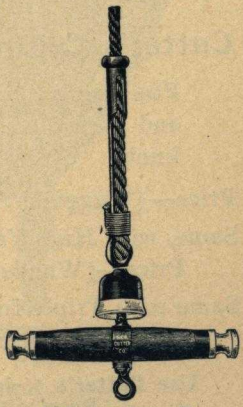


"Wrestle."

"Waggonette."



"Wag."



"Wrestling."

Cutter's Mast-Arm Pulley

Is a modification of the lamp-supporting pulley for use with the standard mast-arms. Has a clamp which fits the iron pipe and which also forms the head-piece, so that the strain rods can be run direct to it.

Price, complete with hook-knob, for 1¼-inch (bore) iron pipe—(Waif).....$0.90

Same for 1½-inch (bore) pipe—(Wadded).. .90

Cutter's Mast-Arm Pulley for 1¼-inch pipe, **with Triple Insulation Arm.**

Price—(Warped).....$1.65

Same for 1½-inch pipe—(Walrus)..... 1.65

Cutter's Mast-Arm Pulley for 1¼-inch pipe, **with High Voltage Arm.**

Price—(Wafting).....$1.60

Same for 1½-inch pipe—(Wallop)..... 1.60

Cutter's Outrigger Pulley

Another form of the lamp-supporting pulley, with a clamp to fit the standard outrigger pipes (iron pipe of ¾-inch bore). For a picture of this pulley in use see page 49.

Price, complete with hook-knob—(Waiter)..$0.80

Same, with High Voltage Cross-Arm—(Waitress)..... 1.50

Same, with Triple Insulation Arm—(Wapiti) 1.55

Cutter's Big Pipe Outrigger Pulley

Similar to above, for 1½-inch (bore) pipe with hook-knob.

Price—(Wooden).....$0.90

Same, for 1¼-inch (bore) pipe—(Woodbine). .90

Same, for 1¼-inch (bore) pipe, with Triple Insulation Arm—(Washer)..... 1.65

Same, for 1½-inch (bore) pipe, with Triple Insulation Arm—(Washout)..... 1.65

Cutter's Ceiling Pulley

For use on bridges, or under beams in shops and yards, etc. With lamp-supporting hook-knob.

Price—(Waggish).....$0.90

Same, with High Voltage Cross-Arm.
Price—(Wandering)..... 1.60

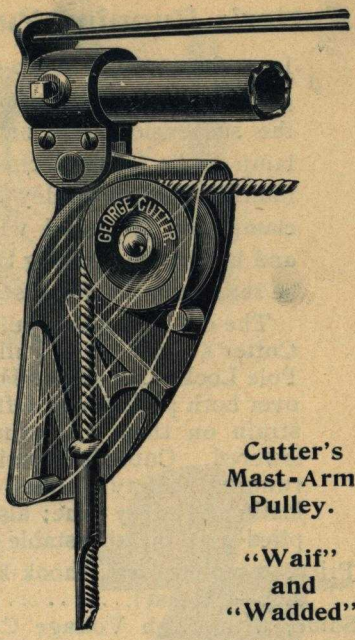
Same with Triple Insulation Arm.
Price—(Wainscot)..... 1.65

Use Cutter's ⅜-inch (or ½-inch) Banner Core Rope with the above pulleys.

Cutter's Lamp-Supporting Pulley with High Voltage Cross Arm.

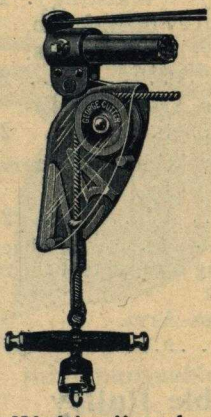
"Wagering."

(See page 6.)

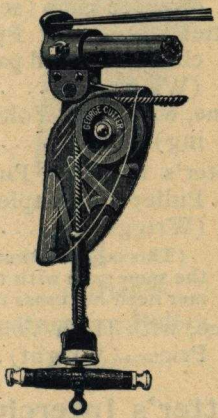


Cutter's Mast-Arm Pulley.

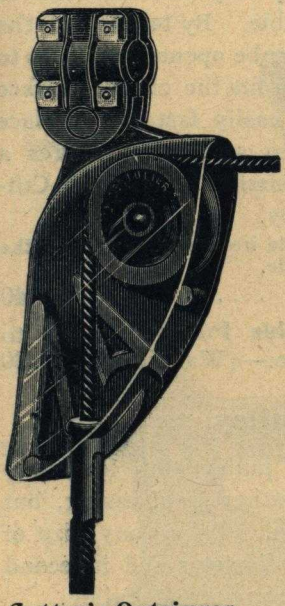
"Waif" and "Wadded"



"Wafting" and "Wallop."

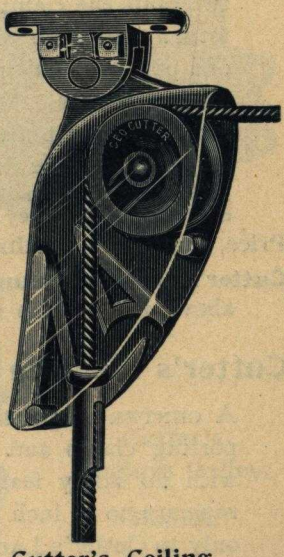


"Warped" and "Walrus."



Cutter's Outrigger Pulley.

"Waiter."



Cutter's Ceiling Pulley.

"Waggish."

Cutter's Running Pulley

Is a form of the lamp-supporting pulley (see page 6) with a "traveler" top, which runs on the suspension wire or cable and allows the lamp to be lowered close to the pole without interfering with trolley or guard wires. The clamp-stop furnished with it keeps the lamp and hood from striking the pole; this stop can be set at any desired distance from the pole.

The cut shows this pulley as used with two Cutter's Swivel Pole Pulleys and two Cutter's Pole Locks (see page 18). The cords running over both pulleys are left slack, as there is no strain on them excepting when the lamp is lowered. Cutter's Running Pulley is the only running "safety" pulley that works automatically and every time; also the only one supplied with the adjustable clamp-stop.

Price, complete, with hook-knob and clamp-stop—(Waist).....$1.20

Same, with High Voltage Cross-Arm fitted direct to knob (see page 9)—(Waisting). 1.90

Cutter's Running Pulley, with hook-knob, clamp-stop and pair of swivel-pole pulleys. (Walk)..... 2.00

Same, with High Voltage Cross-Arm—(Walking)..... 2.70

Cutter's Running Pulley with Midget Changeable Pulley and Duplex Pole Pulley. (Wriggling).....$2.35

(This combination brings the pull-over rope back to the same pole with the hoisting rope, so that the trimmer need not cross the street.)

Same, with High Voltage Cross-Arm. Price—(Wright).....$3.05

Cutter's Interchangeable Pulley

A weather-proof pulley, with a universal clamp which will grip any standard size of suspension wire or cable. By taking out the two bolts the clamp can be opened out so as to form a wall plate which fits the curved surface of a pole and which is easily fastened in place by lag screws. When so used it makes a swiveled pole pulley similar in action to Cutter's Swivel Pole Pulley.

The clamp is of malleable iron and the whole is the only all-around pulley made.

Price, complete—(Waltz).....$0.40

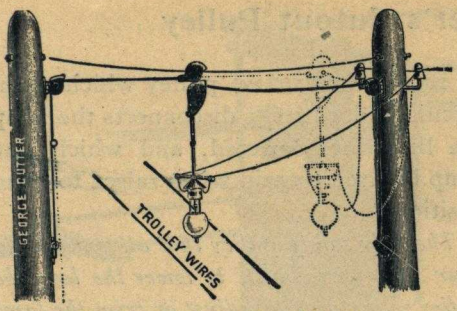
Cutter's Jumbo Changeable Pulley, similar to above, for ¾-inch rope.—(Waltzing)...$0.60

Cutter's Medium Pulley

A center suspension pulley with long supporting clamp and weather-proof casing, but with no safety features. Takes any size of rope up to ½ inch in diameter and is second only to Cutter's Lamp-Supporting Pulley.

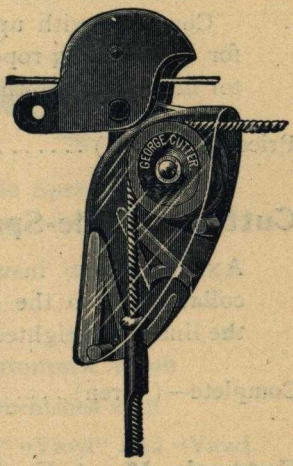
Price, complete—(Wallet).....$0.40

Use Cutter's ⅜-inch (or ½-inch) Banner Core Rope with the above pulleys.



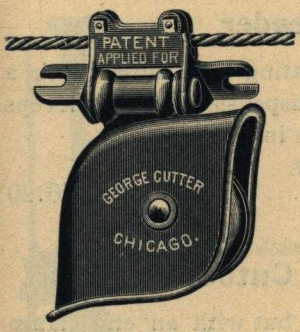
Cutter's Running Pulley.

As used over trolley wires.



Cutter's Running Pulley.

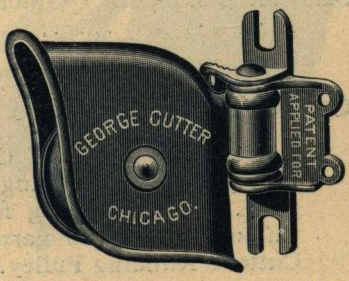
(Patented.)

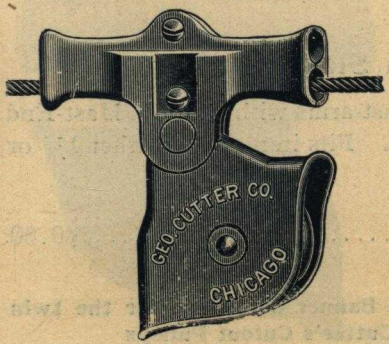


Cutter's Interchangeable Pulley.

"Waltz."

Same as used at the Pole.





Cutter's Medium Pulley.

"Wallet."

Cutter's Cutout Pulley

A LAMP-SUPPORTING pulley which shunts the circuit and entirely disconnects the lamp from the line when lowered, and which puts the lamp in circuit again when raised to its normal position.

The only safety pulley that allows you to keep your line wires taut, to lower the lamp between trolley wires and to adjust or trim the lamp with safety on a live circuit.

The line wires are stretched taut (and hence make neat construction) and do not sag (hence never twist or catch on passing teams).

Complete with upper insulating arm, yoke for the hoisting ropes and high voltage insulator fitted direct to the automatic knob.

Price—(Yankee) $3.50

Cutter's Guide-Spreader

AN ENAMELED insulating arm fitted with a collar to clasp the suspension cable. Keeps the line wires eighteen inches apart.

Complete—(Wren) $0.20

Cutter's Mast-End Cutout Pulleys

SIMILAR to the above, but with an end clamp to fit mast-arm pipes. Complete with high voltage cross-arm, for iron pipe of 1¼-inch bore.

Price—(Yard) $3.60

Same for iron pipe of 1½-inch bore.

Price—(Yawl) $3.60

Cutter's Duplex Pole Pulley

Consists of a pair of Cutter's Swivel Pole Pulleys fastened to a single malleable iron pole-plate. Just the thing for use with Cutter's Cutout Pulley (on narrow streets) or with Cutter's Running Pulley.

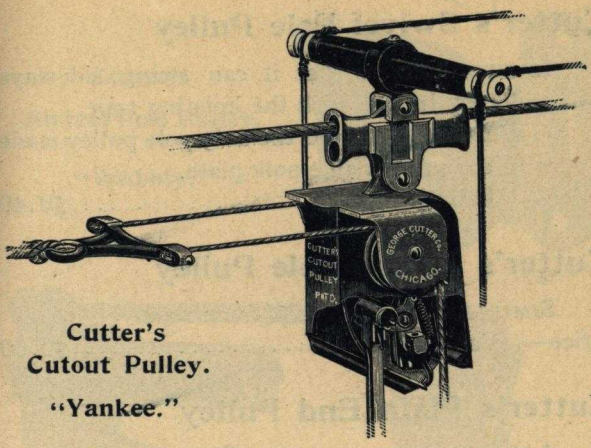
Price—(Wrist) $0.80

Cutter's Twin Sleeve Pulley

FOR use on mast-arms with Cutter's Mast-End Cutout Pulleys. Fits iron pipe of either 1¼ or 1½-inch bore.

Price—(Wriggle) $0.80

Use Cutter's ¼-inch Banner Core Rope for the twin ropes on Cutter's Cutout Pulleys



Cutter's Cutout Pulley.

"Yankee."

Cutter's Guide Spreader.

"Wren."

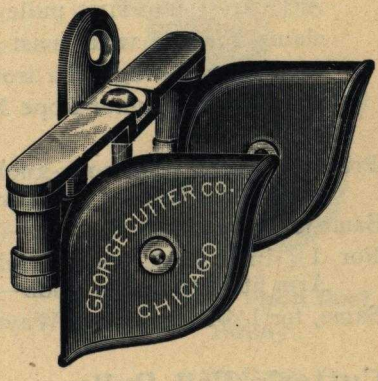
Automatic Knob

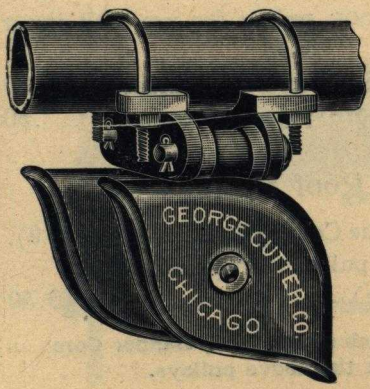
furnished with

"Yankee," "Yard" and "Yawl."

Cutter's Duplex Pole Pulley.

"Wrist."





Cutter's Twin Sleeve Pulley.

"Wriggle."

Cutter's Swivel Pole Pulley

Is SWIVELED so that it can swing sideways and keep in line with the hoisting rope.

Weatherproof, and the only pole pulley made with an unbreakable pole plate.

Price—(Wabbly) $0.40

Cutter's Jumbo Pole Pulley

SIMILAR to above, for ¾-inch rope.

Price—(Wabbling) $0.60

Cutter's Plain End Pulley

A WEATHERPROOF pulley with a headpiece to fit iron mast-arm pipes.

For 1¼-inch (bore) pipe—(Walnut) $0.50
For 1½-inch (bore) pipe—(Waistcoat) ..... .50

Cutter's Sleeve Pulley

A WEATHERPROOF pulley with a clamp to grip ¾-inch (bore) pipe.

Price—(Wakeful) $0.50

Cutter's Big Pipe Sleeve Pulley

SIMILAR to the above, for iron pipe of 1¼-inch bore.

Price—(Working) $0.50
Same for 1½-inch (bore) pipe—(Work) ..... .50

Cutter's Inner-Rope Pulley

A LAMP-SUPPORTING pulley with a hooded end clamp for use with mast-arms in which the rope runs through the iron pipe. (For complete Cutter's Inner-Rope Mast-Arm, see page 45.)

Price, complete, with hook-knob for iron pipe of 1¼-inch bore—(Watchword) $1.00
Same for 1½-inch (bore) pipe—(Watermelon) 1.00
For 1¼-inch pipe, with Triple Insulation Arm fitted to pulley knob—(Wasteful) .. 1.75
Same, for 1½-inch pipe—(Wayside) 1.75

Cutter's Tail Pulley

A WEATHERPROOF pulley for use with inner rope mast-arms.

For iron pipe of 1¼-inch bore—(Weariness) . $0.50
Same for 1½-inch (bore) pipe—(Wearisome). .50

Cutter's Plain Roof Pulley

COMPANION to the Ceiling Pulley (see page 9).

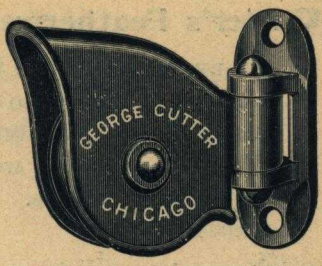
A weatherproof pulley with ceiling plate.

Complete—(Waftage) $0.50

Use Cutter's ⅜-inch or (½-inch) Banner Core Rope with the above pulleys.

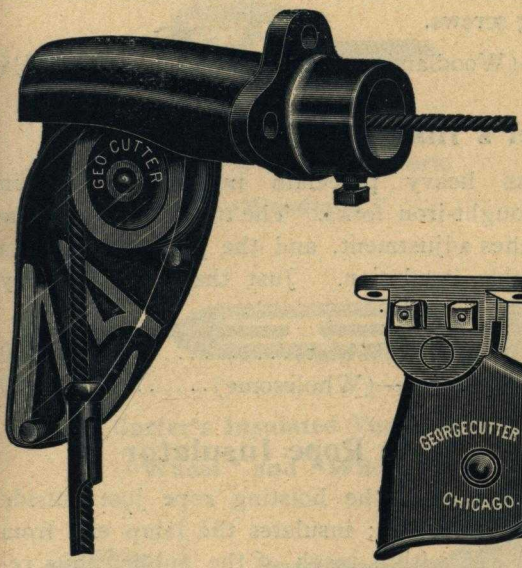
Cutter's
Swivel Pole Pulley.

"Wabbly."



Cutter's Plain End
Pulley.

Cutter's Sleeve
Pulley.

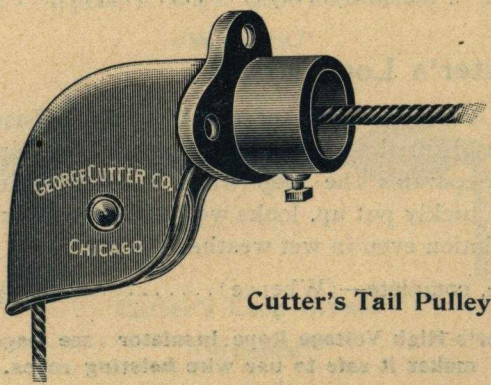


Cutter's Inner-
Rope Pulley.

(Patented.)

Cutter's Plain Roof
Pulley.

"Waftage."



Cutter's Tail Pulley.

Cutter's Featherweight Spreader

IS READILY fastened to the wires running to suspension lamps, so as to keep them at a distance of eighteen inches from each other. Made of enameled wood, metal tipped, with porcelain insulators. Weighs less than eight ounces.

Price, complete, per dozen—(Whack) $1.50

Cutter's Insulated Suspension Bolt

INSULATES the suspension wire or cable from the pole, so as to reduce the risk of grounds and accidents. Can also be used with guard wires for railway suspensions; the fork is of wrought iron, and the bolt has an extra long thread. Special lengths built to order on short notice.

Price, with 12-inch bolt, nut and washer—(Wharf) $0.18

Cutter's Insulated Fork

SAME as above, but without bolt; for use with lag screws.

Price—(Woodland) $0.12½

Cutter's Insulated Turnbuckle

HAS heavy porcelain insulators, held in wrought-iron forks. The turnbuckle has nine inches adjustment, and the porcelains give a double insulation. Just the thing for guy wires.

Price, complete—(Wheat) $0.80
Same, galvanized—(Wholesome) ..... .90

Cutter's Wire Rope Insulator

LOOPED into the hoisting rope just outside the pole pulley; insulates the lamp end from the end within reach of the public, thus reducing the risk of grounds and accidents. Made of steel with hard rubber insulation and protecting ferrules.

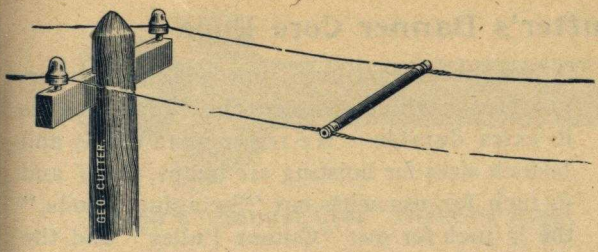
Price—(Warfare) $0.20

Cutter's Loop Break

A LARGER form of the Wire Rope Insulator (pictured on page 21) for use on arc circuits. Separates the loop wires twelve inches, is quickly put up, looks well and gives high insulation even in wet weather.

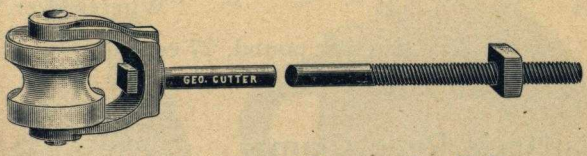
Price, complete—(Whence) $0.28

Cutter's High Voltage Rope Insulator (see page 18) makes it safe to use wire hoisting ropes.



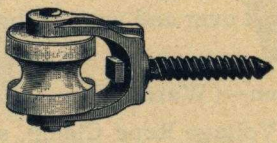
Cutter's Featherweight Spreader.

"Whack."



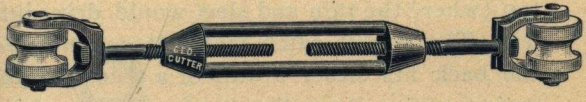
Cutter's Insulated Suspension Bolt.

"Wharf."



Cutter's Insulated Fork.

"Woodland."

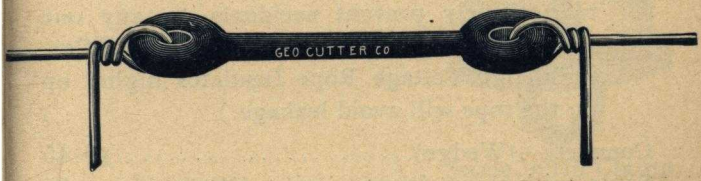


Cutter's Insulated Turnbuckle.

"Wheat" and "Wholesome."

Cutter's Wire Rope Insulator.

"Warfare."



Cutter's Loop Break.

"Whence"

Cutter's Trimmer's Rope

IS A thirty-foot hoisting rope, with a snap-hook at one end and six rings near the other end. The rings can readily be clamped at any desired intervals, so as to accommodate lamps hung at varying heights above the street. Just the thing for use with hoisting ropes ending in a Cutter's Rope Clamp and locked with a Cutter's Pole Lock.

Price, complete—(Western). $1.25

Cutter's Combination Windlass

CAN be used either as a plain or as a geared windlass, at the option of the trimmer. He can use it as a plain windlass to lower the lamp quickly, and then use the gearing to raise the lamp. The pinion is detachable and is fastened to the light handle, so that a single pinion will answer for any number of windlasses. This feature secures the extra leverage of the gearing without the usual extra cost.

The locking cam can be operated only by the pinion handle, so that the device is guarded against tampering. The drum will hold sixty feet of ¼-inch wire cable or forty feet of ⅜-inch sash cord.

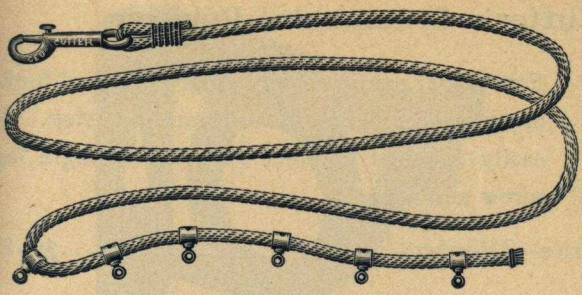
Price of windlass, without handle—(Westward).... ....$2.25
Price of pinion handle—(Whether) ..... .90

Cutter's Swinging Insulator

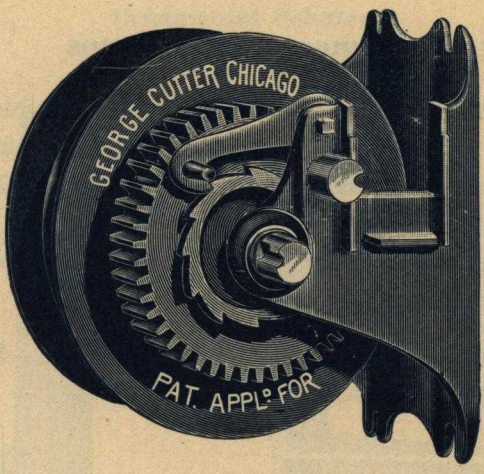
ALLOWS the wire to move freely between porcelain rollers without chafing the insulation. Being hung from the loop, it is free to adapt itself to any strains, and therefore will not cramp the wire, as the bracket-base tree insulators often do. Strongly made of malleable iron, takes wires up to ¾-inch in diameter.

Price, per dozen—(Wheel)..... .....$2.00

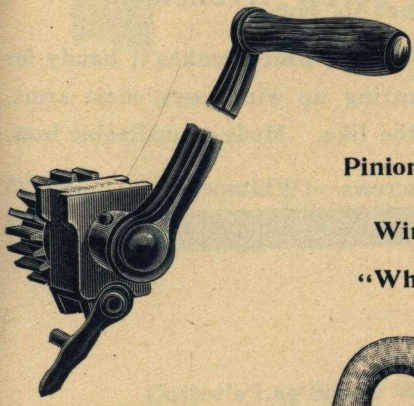
Wire hoisting ropes are apt to cause accidents unless made safe by Cutter's High Voltage Insulators. (See pages 2 and 18.)



Cutter's Trimmer's Rope.
"Western."



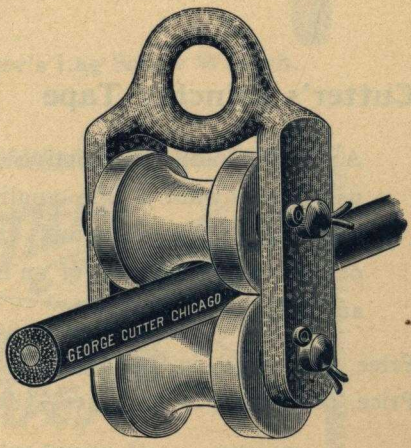
Cutter's Combination Windlass.
"Westward."



Pinion Handle
for
Windlass.

"Whether."

The Ideal
Tree
Insulator.



Cutter's Swinging Insulator.
"Wheel."

Cutter's Ornamental Polestep

FITS either round or octagonal poles and looks much neater than the ordinary polestep. Is easily fastened in place by using a single lag screw and a nail.

Price—(Yonder).....$0.12

Cutter's Removable Polesteps

ARE much more easily carried than a ladder, as a pair of them weighs less than fourteen ounces, and can be slipped into the pocket. Both the polesteps and the sockets for them (which are hooded over so as to be sleetproof) are made of malleable iron.

Removable Polesteps, per pair—(Wheeze)...$0.25
Sockets for same, per dozen—(Whenever)... .90

Cutter's Lag Screw Wrench

HAS a long shank, which makes it handy for use when putting up windlasses, mast arms, pulleys and the like. Made of malleable iron.

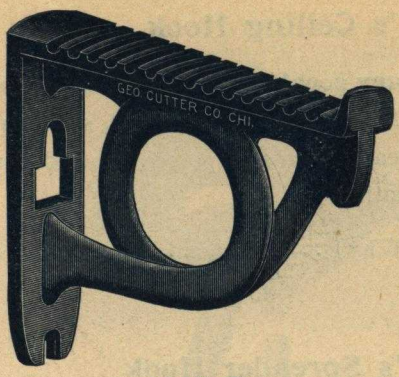
For ⅜-inch lag screws—(Whimper).....$0.25
For ½-inch lag screws—(Whimsical)..... .25

Cutter's Clincher Tape

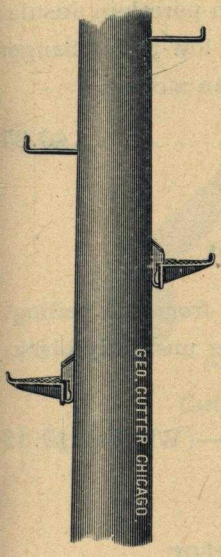
AN EXTRA adhesive friction tape. Made for users who want a fine quality of tape at a reasonable price per pound, and a long length of it to the pound. ¾ of an inch wide, black, and put up in ½-lb. rolls.

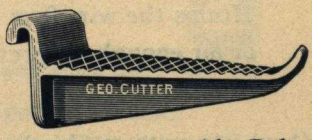
Price, per pound, in tinfoil—(Zeal).....$0.40
Price, per pound, in tin boxes—(Zealous).... .42

Why carry a ladder when a pair of Cutter's Removable Polesteps weigh but 14 ounces?

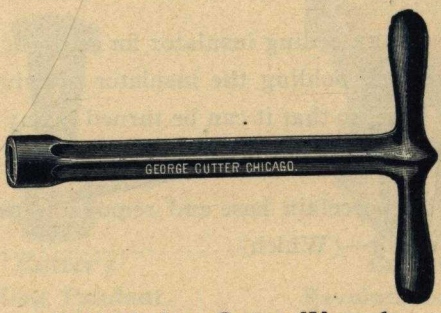


Cutter's
Ornamental Polestep,
"Yonder."





Cutter's Removable Polestep, "Wheeze;" and Socket for same, "Whenever."



Cutter's Lag Screw Wrench.

Cutter's Ceiling Hook

A VERY popular insulator for indoor arc lamps and fan motors. Is compact, strongly made of malleable iron and porcelain, and gives good insulation.

Price—(Why) $0.25

Cutter's Spreader Hook

A COMPACT ceiling insulator with self-binding knobs for guiding the line wires. Strongly made of malleable iron, with porcelain insulation. A common-sense and low-priced hanger for indoor arc lamps or for fan motors.

Price, complete—(Wherry) $0.35

Cutter's Ceiling Pendant

HOLDS the wire four inches from the ceiling, or far enough to prevent the unsightly blackening.

Complete, with self-binding knob—(Whiffle) . $0.12

Cutter's Revolute Insulator

ANOTHER ceiling insulator for arc light wiring. The fork holding the insulator is swiveled on the base, so that it can be turned in any desired direction.

Price with porcelain base and removable porcelain insulator—(Which) $0.10

Cutter's Plain Ceiling Board

CONSISTS of a pair of Revolute Insulators (see page 54) with a single slate base in place of the two porcelains, allowing the wires to be run direct to the lamp.

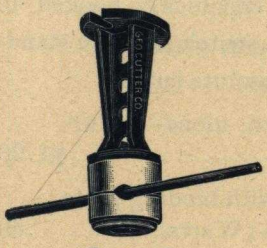
Price, complete, as pictured (Wax) $0.50
Same, with supporting hook in center (Waxwork) ..... .55

Special forms and sizes of Mast Arms built on short notice. Want some?

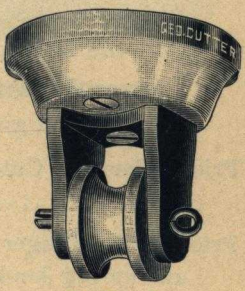
Cutter's Ceiling Hook.
"Why."

(Cut one-fourth actual size.)

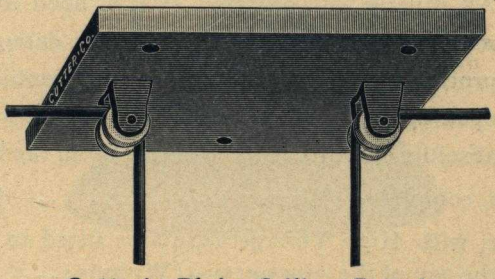
Cutter's Spreader Hook.
"Wherry."



Cutter's
Ceiling Pendant.
"Whiffle."



Cutter's
Revolute Insulator.
"Which."



Cutter's Plain Ceiling Board.
"Wax."

Cutter's Midget Arc Hood

A COMPACT galvanized hood for use with enclosed arc lamps. Strongly built, with enameled and metal-bound cross-arm and an inner insulated hook. Black outside, bright inside.

Complete—(Warily).....$1.25
Same, with High Voltage Insulator fitted to the cross-arm—(Whining).....$1.70
(For either of the above with absolute cutout switch for series lamps, see page 26).

Cutter's Shadowless Poletop

HAS no base projecting on each side of the pole close to the lamp, so as to cast a deep shadow, and does not require the pole to be shaved down to fit a certain size of cap. The supporting plate is curved so as to fit any ordinary size of pole, and is easily fastened in place by means of lag screws or bolts. The uprights are of ¾-inch bore (hence large enough to be easily wired) and can be quickly slipped into place, the curve giving them the usual spread so as to clear the widest lamps and globes.

The hood is the same as described on page 26, but with brackets to fit the supporting pipes in place of the cross-arm.

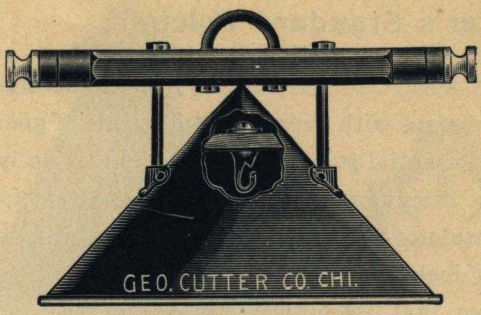
Price, complete, with absolute cutout board—(Wash).....$4.60
Same, with plain hanger board—(Waspish).. 4.00
Same, with simple hook—(Washing) 3.60

Cutter's Enclosed Arc Poletop

A SHADOWLESS poletop with a small hood, for use with enclosed arc lamps.

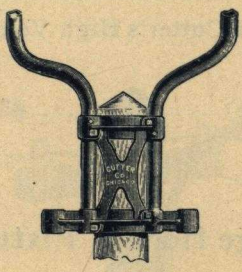
With small absolute cutout board (same as used with Cutter's Midget Cutout Hood, page 27)—(Washable) $4.25
Same, with simple insulating hook only (same as in Midget Arc Hood, page 29)—(Wassail)..... 3.25

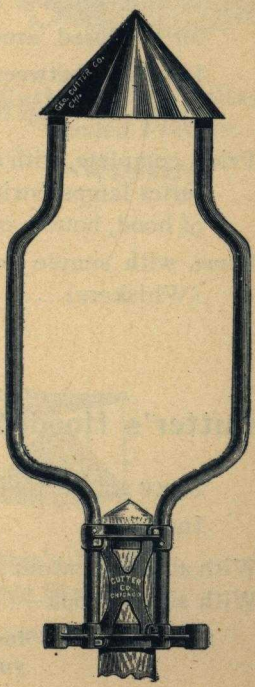
Why use the clumsy, old-style poletops when you can get these new forms at such reasonable figures?



Cutter's Midget Arc Hood.
"Warily."

Cutter's Shadowless Poletop.





Cutter's Enclosed Arc Poletop

Cutter's Standard Poletop

Is BUILT on the familiar lines of the old-style poletops with every part well made of good and substantial stock. The poletop casting is neat in design and complete with sockets for the insulator pins. The uprights are of iron pipe of ¾-inch bore, thus making a more rigid top and one that is more easily wired than when a smaller size is used. The hood and hanger boards are the same as in Cutter's Arc Hood (see pages 26 and 28), and all parts are so arranged as to fit well and be quickly assembled.

Price, complete with hood and absolute cutout board—(Watch).....$4.60
Same, with hood and plain hanger board—(Watching)..... 4.00
Same, with hood and simple hook—(Watchful) 3.60

Cutter's Arched Poletop.

A NEAT poletop with a shadowless base and an arched top supporting a Cutter's High Voltage Insulator.

Price, complete—(Wharfage).....$3.25

Cutter's High Voltage Hooded Fixture

A CURVED pole fixture, with protecting hood for enclosed arc-lamps and a High Voltage Insulator between the hood and the bracket. Holds the lamp two feet from the pole.

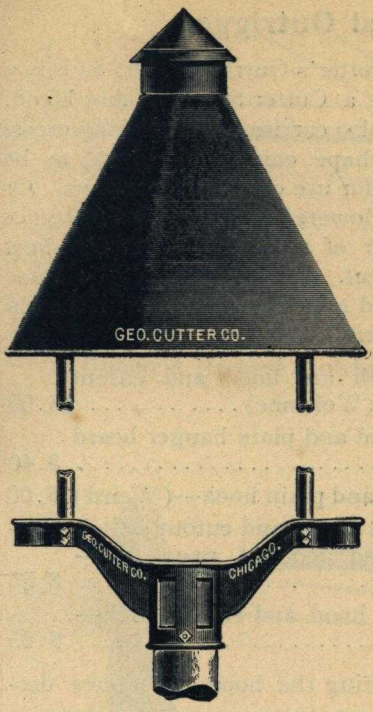
Price, complete, with absolute cutout switch for series lamps (switch same as shown in cut of hood, bottom of page 27)—(Whipping)$4.60
Same, with simple hook (see cut, page 31)—(Whiskers)..... 3.60

Cutter's Hooded Pole Fixture

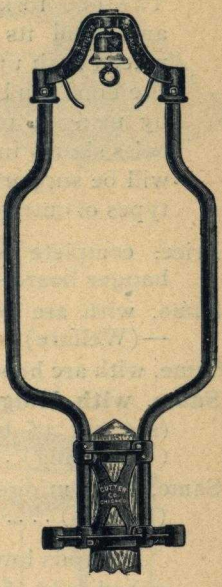
SAME as the above, without the High Voltage Insulator.

With absolute cutout switch—(Whispering)..$4.15
With simple hook—(Whisk)..... 3.15

Special fixtures for special needs—what have you in mind?

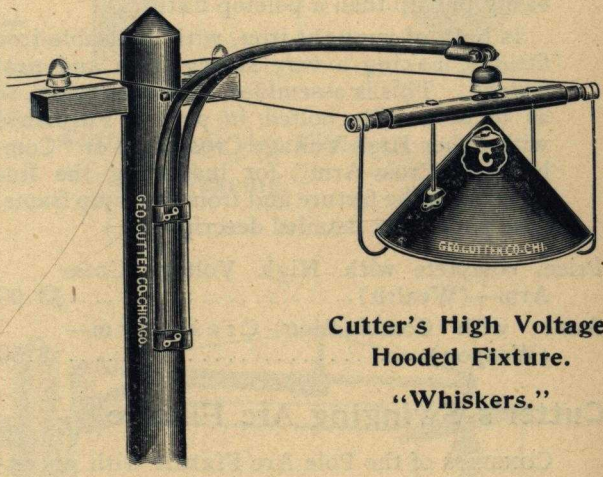


Cutter's Standard Poletop.



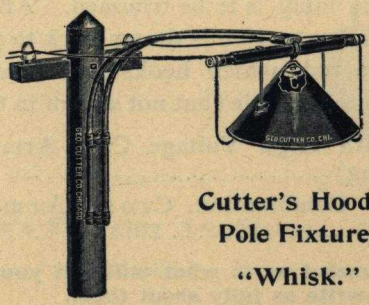
Cutter's Arched Poletop.

"Wharfage.



Cutter's High Voltage Hooded Fixture.

"Whiskers."



Cutter's Hooded Pole Fixture.

"Whisk."

Cutter's Hooded Outrigger

Is SIMILAR to Cutter's Outrigger, but ends in a fork supporting a Cutter Standard Arc Hood. The end fork also carries the insulating cross-arm, and its shape enables the hood to be placed high up for use over low doorways. Or the hood can be lowered to any desired distance by using a pair of rods in place of the short bolts shown in cut. In either case the hood will be supported more firmly than with the old types of outriggers.

Price, complete with arc hood and cutout hanger board—(Welcome) $4.00
Same, with arc hood and plain hanger board —(Welfare) 3.40
Same, with arc hood and plain hook—(Weird) 3.00
Same, with Midget Hood and cutout switch (see cut of hood foot of page 27)—(Whooping) 3.25
Same, with midget hood and simple hook—(Whoop) 2.25

For rods lowering the hood, as above described, add 15 cents for every two feet drop.

Cutter's Pole Arc Fixture

SUPPORTS the lamp two feet from the pole, so as to bring it out of the line of the shade trees. Can be fastened at any desired height from the top of the pole, fits any size of pole and is more easily put up than a poletop fixture.

Is built of wrought iron, with malleable-iron fittings, making a very strong, firm and neat fixture. This is assembled before shipping, so as to be readily bolted in place. Furnished with either High Voltage Cross-Arm or "Combination Cross-Arm" for insulating the line wires from the fixture and from the lamp frame. (See page 4 for detailed descriptions.)

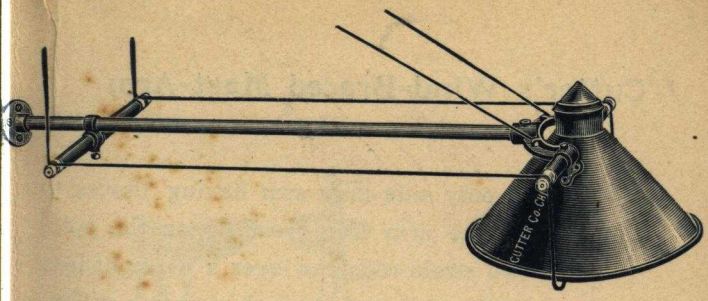
Price, complete with High Voltage Cross Arm—(Wealth) $3.60
Same, with Combination Cross-Arm—(Weapon) 3.50

Cutter's Swinging Arc Fixture

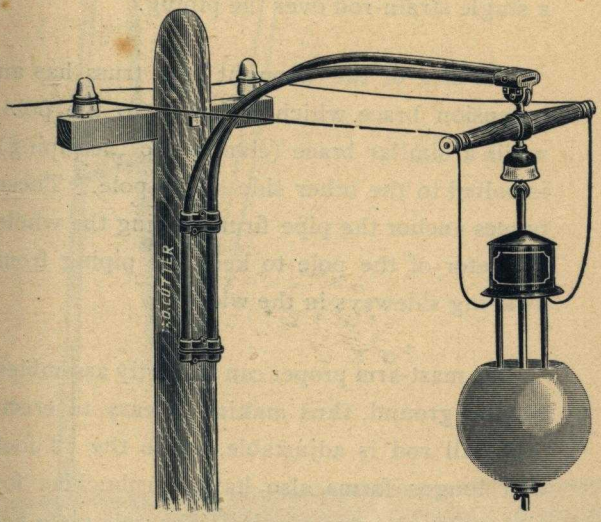
CONSISTS of the Pole Arc Fixture with an extension to bring the lamp five feet from the pole. The extension arm is pivoted so that it will swing down within reach of the pole when the lamp is to be trimmed. After trimming, the extension is drawn back to place by the wire rod, which hooks into a screw-eye driven into the pole (but not shown in the cut).

Complete with High Voltage Cross-Arm—(Weaving) $2.60
Same, with Combination Cross-Arm—(Weasel) 2.50

If you are puzzled as to what will suit your needs, write us fully about them.

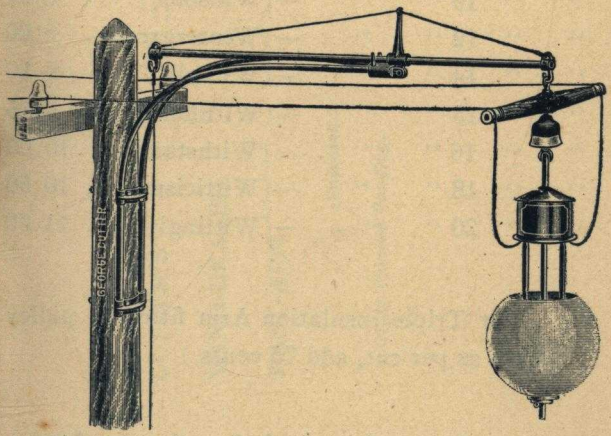


Cutter's Hooded Outrigger.



Cutter's Pole Arc Fixture.

"Weaving."



Cutter's Swinging Arc Fixture.

"Wealth."

Cutter's Wind-Braced Mast-Arm

Is THE only side mast-arm having braces to prevent the arm from rocking on the pole. Has two strain-rods run over a wrought iron truss at the pole and through eyes in a stiffening triangle half way out on the pipe. The combination makes a rigid fixture, with no give to it either downwards or sideways, thus avoiding the swaying found with arms having a single strain-rod over the piping.

The base of the wrought iron truss has an extension brace which is bolted to the pole, while a similar brace (clamped to the piping) is bolted to the other side of the pole. These braces anchor the pipe firmly, using the whole diameter of the pole to keep the piping from swaying sideways in the wind.

The mast-arm proper can be partly assembled on the ground, thus making it easy to erect. The tail rod is adjustable, while the 12 foot and longer forms also have turnbuckles for tightening the strain-rods. The pole plate has a weatherproof pulley fastened to it, and the lamp-supporting pulley at the outer end makes this mast-arm unusually complete.

Price, with	8 ft.	overhang	—(Windward)...	$ 7.50
" "	10 "	"	—(Winsome)....	8.00
" "	12 "	"	—(Wintergreen).	9.00
" "	14 "	"	—(Withal).....	9.50
" "	15 "	"	—(Withhold)....	9.75
" "	16 "	"	—(Withstand)...	10.00
" "	18 "	"	—(Witticism)....	10.50
" "	20 "	"	—(Wittingly)....	11.00

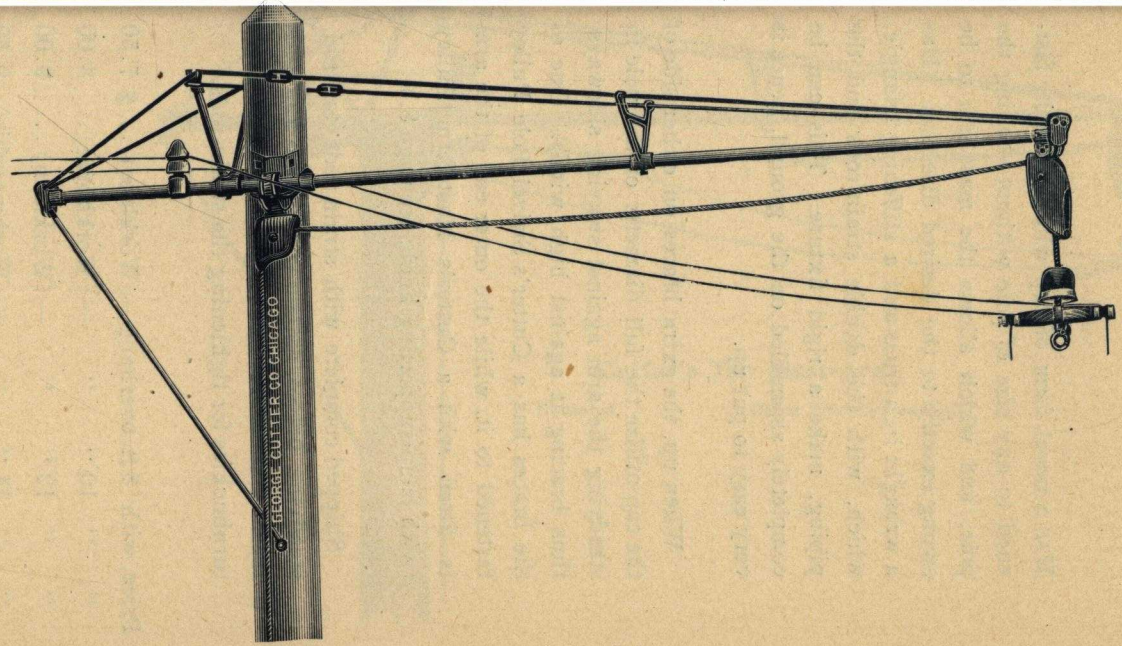
(For Triple Insulation Arm fitted to pulley knob, as per cut, add 75 cents.)

Why bother with a single-braced arm when Cutter's Wind-Braced Mast-Arm costs so little?

CUTTER'S WIND-BRACED MAST-ARM.

(Patented.)

Other Patents Pending.



Cutter's Top Mast-Arm

HAS a novel form of cap which is easily fastened to any size of pole without shaving the pole, and which allows the mast-arm to be swung exactly to the desired direction. Has a wrought iron truss and a stiffening triangle, which, with the double strain-rods and the piping, make a rigid fixture. This can be completely assembled on the ground, hence is very easy to put up.

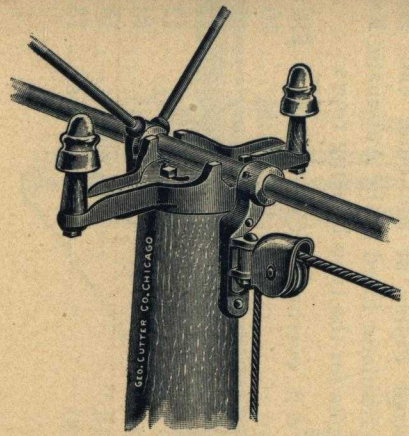
When up, the extra braces on either side of the cap utilize the full diameter of the pole in steadying the arm against swaying sideways, thus bracing it against high winds. One of the braces has a Cutter's Swivel Pole Pulley fastened to it, while the outer end of the arm is fitted with a Cutter's Mast-Arm Pulley (with lamp-supporting knob, see page 8.)

Shipped complete with strain rods, tail rod, steadying braces, stiffening triangle and pulleys. The 12 foot and longer forms also have turnbuckles for tightening the strain-rods.

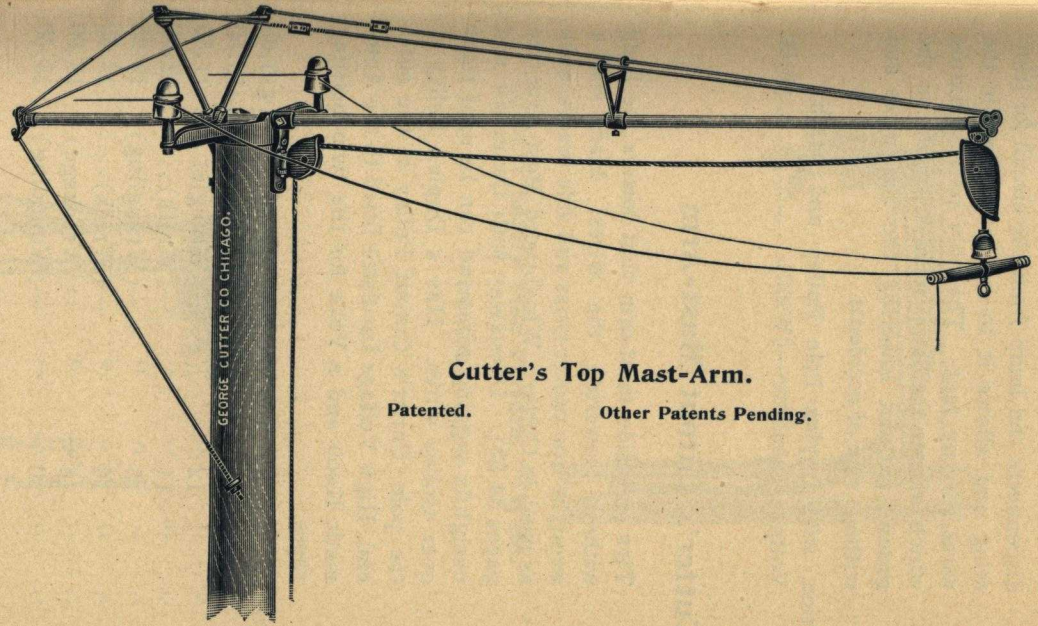
Price, with	8 ft.	overhang	—(Workbox)....	$ 7.50
"	" 10 "	"	—(Workhouse)..	8.00
"	" 12 "	"	—(Workman)...	9.00
"	" 14 "	"	—(Workmanship)	9.50
"	" 15 "	"	—(Workshop)...	9.75
"	" 16 "	"	—(Wormwood)..	10.00
"	" 18 "	"	—(Worship).....	10.50
"	" 20 "	"	—(Worsted).....	11.00

(For Triple Insulation Arm fitted to pulley knob, as per cut, add 75 cents.)

For easy erection, quick alignment and firmness when up, Cutter's Top Mast-Arm has no equal.



Detail of Center Part.



Cutter's Top Mast-Arm.

Patented. **Other Patents Pending.**

Cutter's Safety Pole Fixture

FITTED with Cutter's Cutout Pulley, which disconnects the lamp from the circuit for trimming and allows it to be lowered while the wires stay up taut. The only poletop fixture which allows the lamp to be trimmed on the ground without lowering the line wires and without risk of accidents.

Price, with Duplex Pole Pulley and High Voltage Insulator—(Weld) $6.00

Cutter's Cutout Mast-Arm

THE only side mast-arm that lowers the lamp without lowering the wires. Made with a wrought iron center truss and side braces, same as used in Cutter's Windbraced Mast-Arm (see pages 34-35). Does away with the unsafe and unsightly sagging wires and can be used right over trolley wires. Has a Duplex Pulley at the pole, Cutter's Cutout Pulley at the outer end, High Voltage Insulator fitted to the Automatic Knob and a Yoke for the twin hoisting ropes.

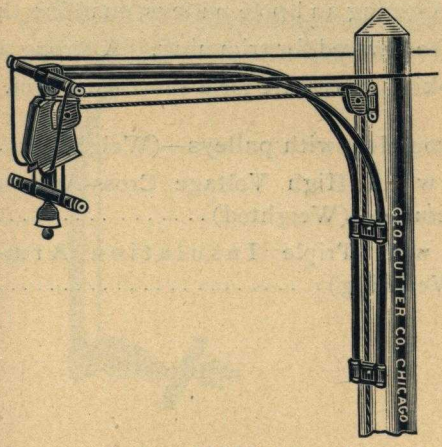
Price, with	8	ft.	overhang	—(Wrought)....	$10.00
" "	10	"	"	—(Wounded) ...	10.50
" "	12	"	"	—(Wrangle).....	11.50
" "	14	"	"	—(Wrath)	12.00
" "	15	"	"	—(Wrangling) ..	12.25
" "	16	"	"	—(Wreck).....	12.50
" "	18	"	"	—(Wreckage)...	13.00
" "	20	"	"	—(Wounding)...	13.50

Cutter's Top Cutout-Arm

SIMILAR to the above, but with cap for top of the pole, same as shown on page 39. Shipped complete with Duplex Pulley at the pole, Cutter's Cutout Pulley at the outer end, High Voltage Insulator fitted to the Automatic Knob and a Yoke for the twin hoisting ropes.

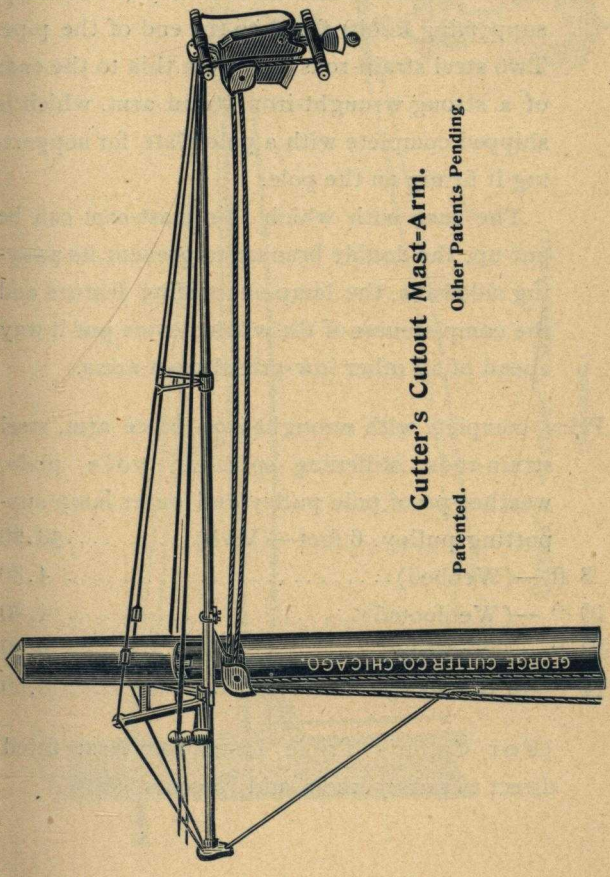
Price, with	8	ft.	overhang	—(Whiten).....	$10.00
" "	10	"	"	—(Whitening) ..	10.50
" "	12	"	"	—(Whitlow)....	11.50
" "	14	"	"	—(Whirlwind)..	12.00
" "	15	"	"	—(Width).....	12 25
" "	16	"	"	—(Widgeon)....	12.50
" "	18	"	"	—(Wiggle).....	13.00
" "	20	"	"	—(Wilderness)..	13.50

Use Cutter's ¼ inch Banner Core Rope for the twin ropes on the above.



Cutter's Safety Pole Fixture. "Weld."

(Patented)



Cutter's Cutout Mast-Arm.

Patented. **Other Patents Pending.**

Cutter's Pulley Pole Fixture

A THREE-FOOT fixture complete with lamp-supporting and pole pulleys, enabling the lamp to be lowered for trimming. A strong and fine looking substitute for a short mast-arm.

Price, complete with pulleys—(Weigh)..... $3.00
Same, with High Voltage Cross-Arm, as pictured—(Weighted)..... 3.70
Same, with Triple Insulation Arm—(Weighing)..... 3.75

Cutter's "Junior" Mast-Arm

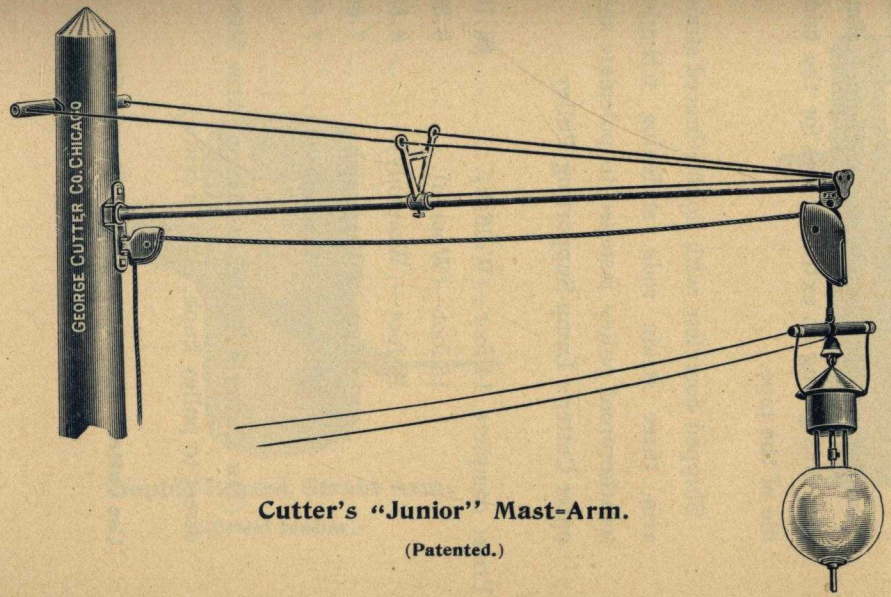
DESIGNED to meet the demand for a low-priced yet complete and well-braced mast-arm for holding arc lamps 6, 8, 10, 12, or even 14 feet from the pole. Has a special pole plate with a weatherproof pulley fitted direct to it and a regular Cutter's Mast-Arm Pulley (with lamp-supporting knob) fitted to the end of the pipe. Two steel strain-rods run from this to the ends of a strong wrought-iron strain arm, which is shipped complete with a pole plate for supporting it firmly on the pole.

The ease with which this mast-arm can be put up, the double bracing to prevent its swaying sideways, the lamp-supporting feature and the completeness of the whole device put it way ahead of all other low-priced mast-arms.

Price, complete with wrought-iron brace arm, steel strain-rods, stiffening spreader, pole plate, weather-proof pole pulley and outer lamp-supporting pulley, 6 foot—(Web)..... $3.90
8 ft.—(Webbed)..... 4.30
10 " —(Webfooted)..... 4.70
12 " —(Wedding)..... 5.10
14 " —(Wedlock)..... 5.50

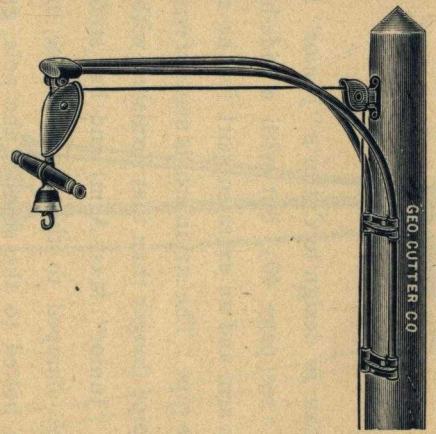
(For Cutter's Triple Insulation Arm fitted direct to pulley knob, add 75 cents.)

Use Cutter's ⅜ inch (or ½ inch) Banner Core Rope with the above.



Cutter's "Junior" Mast-Arm.

(Patented.)



Cutter's Pulley Pole Fixture.

Cutter's "Long Junior" Arm

SIMILAR in design to Cutter's "Junior" Mast-Arm (see page 40), but with a side-braced strain arm and an extra support for the center of the pipe. The strain arm is made of wrought iron pipe (longer than that furnished with Cutter's "Junior" Mast-Arm) and has stiffening braces clamped to the pipe. These braces, when bolted to the sides of the pole, greatly increase the strength of the strain arm and also keep it from rocking on the pole when high winds tend to sway the whole fixture. (Patents pending on this important feature.)

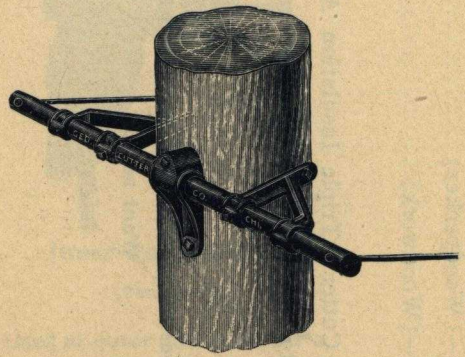
Also has an extra rod run from a screw-eye, four or five feet above the piping, to a special clamp placed just outside the stiffening triangle, thus giving an extra support for the middle of the pipe.

Shipped complete with double-braced strain arm, three strain rods, stiffening triangle, weatherproof pulley fastened to poleplate and outer Cutter's Lamp-Supporting Pulley.

Price, complete, 14 foot—(Wolfish).....$6.10
15 foot—(Woman)..... 6.30
16 foot—(Womanly)..... 6.50
18 foot—(Womanish)..... 7.00
20 foot—(Womankind)..... 7.50

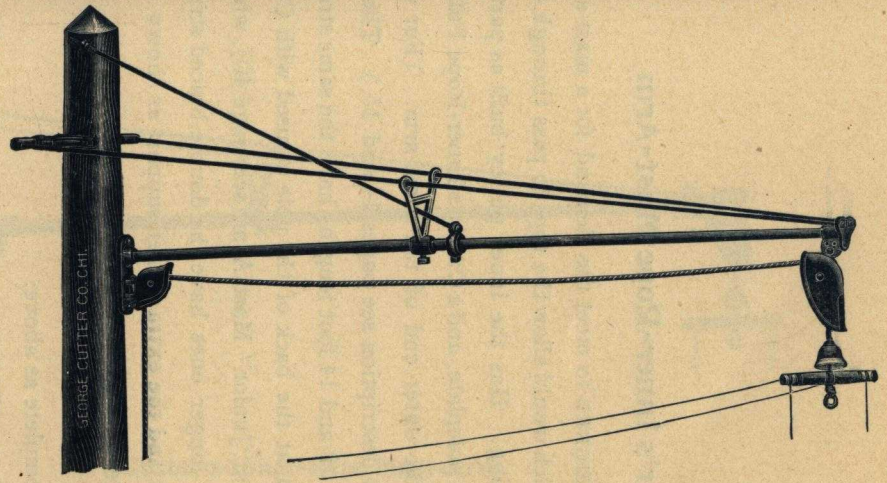
(For Cutter's Triple Insulation Arm fitted direct to pulley knob, add 75 cents.)

Use Cutter's ⅜-inch (or ½-inch) Banner Core Rope with the above.



Double-Braced Strain Arm.

(Patent pending.)



Cutter's "Long Junior" Arm.

(Patented. Other patents pending.)

Cutter's Inner-Rope Mast-Arm

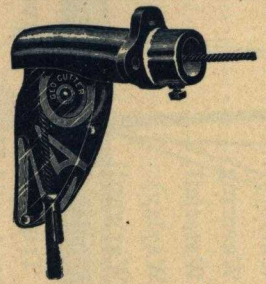
DESIGNED to meet the demand for a mast-arm which would allow the rope to pass through the piping. Has the inner pulley built as part of the poleplate, and a Cutter's Inner-Rope Pulley at the outer end of the mast-arm. (For cut and description see pages 14 and 15.) The 8, 10, 12 and 14 foot lengths have the same strain arm at the back of the pole as used with Cutter's "Junior" Mast-Arm (see page 40), while the longer ones have the double-braced strain arm and the extra center support as shown on page 43.

Price, complete as above:

8 foot—(Wolf)	$4.50
10 foot—(Wolverine)	4.90
12 foot—(Wooing)	5.30
14 foot—(Woodchuck)	5.70
15 foot—(Woodcock)	6.50
16 foot—(Woodcut)	6.70
18 foot—(Woodpecker)	7.20
20 foot—(Woodwork)	7.70

(For Cutter's Triple Insulation Arm fitted direct to the pulley knob, as per cut, add 75 cents.)

Special types and sizes of mast-arms built to order. Want some?

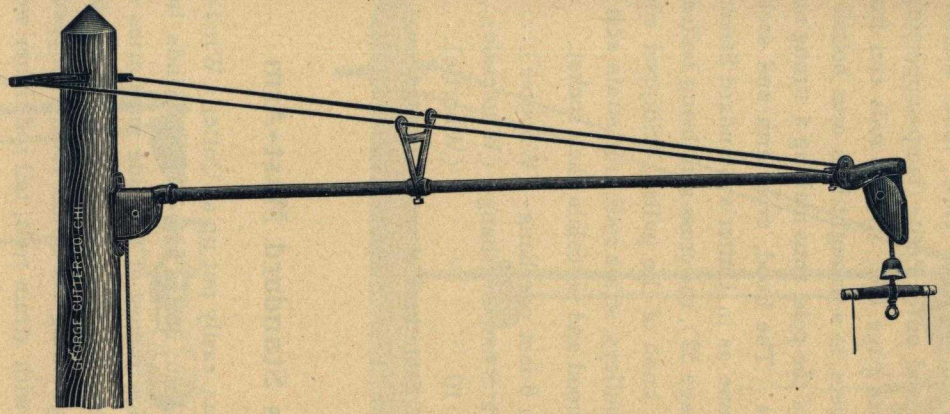


Inner-Rope Pulley.

(Patented.)

Used at outer end of Cutter's Inner-Rope Mast-Arm.

(See page 14.)



Cutter's Inner-Rope Mast-Arm.

(Patented. Other patents pending.)

Cutter's Incandescent Mast-Arm

AN UNUSUALLY complete and practical mast-arm for use with incandescent street lights. Has a curved pole plate, inner weatherproof pulley and outer Petite (lamp-supporting) pulley (see page 56). Strain rods run from the headpiece to a wrought-iron arm bolted to the back of the pole, thus making a strong and firm fixture. The hood, cross-arm and socket are the same as in Cutter's Standard Street Hood (see page 52), the cross-arm being bolted to the safety knob of the pulley. Shipped complete with pulleys, strain rods, iron strain arm, cross-arm, hood and porcelain shell socket.

Price, with 6-foot overhang—(Whopper) $3.50
Same, with 8-foot overhang—(Wholesale) .. 3.75
" " 10 " " —(Whortle) 4.00

(State base of socket wanted.)

Cutter's Standard Mast-Arm

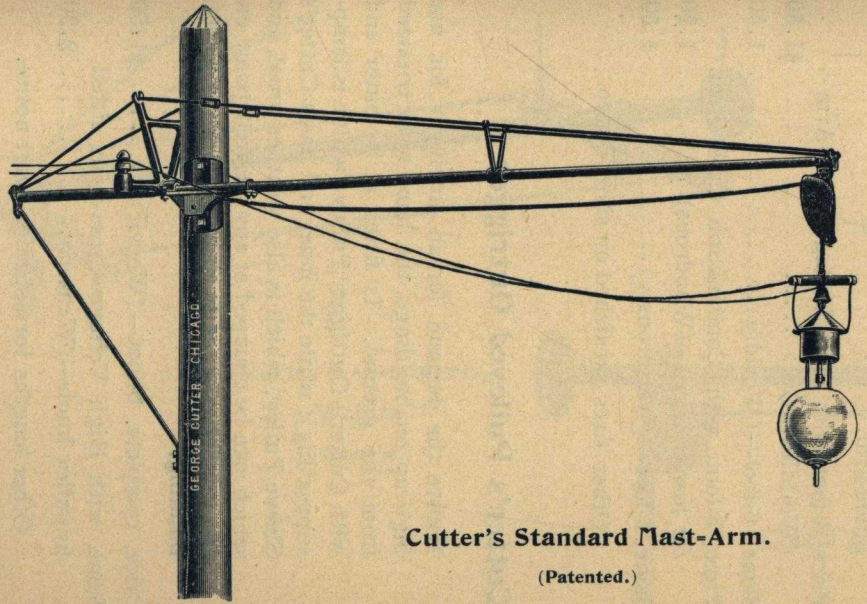
NOT AS easily put up as Cutter's Wind-braced Mast-Arm, nor as firm in high winds, but still superior to most of the side mast-arms on the market. Is double-braced and has turnbuckles for tightening the strain rods. Shipped complete with strain rods, tail rod, inner weatherproof pulley, stiffening triangle, outer Cutter's Lamp-Supporting Pulley and hook knob for same.

Price, complete as above:

8-foot overhang	—(Waterpot)	$ 7.50
10 " "	—(Waterous)	8.00
12 " "	—(Watery)	9.00
14 " "	—(Wavering)	9.50
15 " "	—(Waterfall)	9.75
16 " "	—(Waylay)	10.00
18 " "	—(Wayward)	10.50
20 " "	—(Whale)	11.00

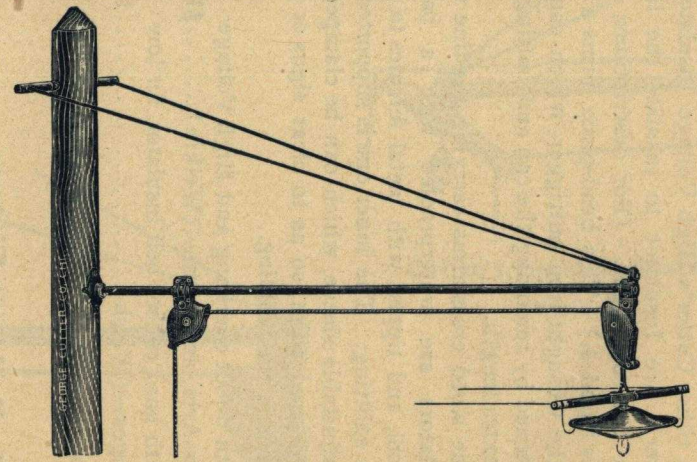
(For Cutter's Triple Insulation Arm fitted direct to pulley knob, add 75 cents.)

Use Cutter's ¼ or $\frac{5}{16}$ inch Banner Core Rope for the Incandescent Mast-Arm; ⅜ or ½ inch for the Standard Mast-Arm.



Cutter's Standard Mast-Arm.

(Patented.)



Cutter's Incandescent Mast-Arm.

(Patented.)

Cutter's Outrigger

HAS A special head-piece with cross-arm and with either Cutter's High Voltage Insulator or Cutter's Arc Insulator to insulate the lamp from the outrigger. (For descriptions, see pages 2 and 4.) This head-piece forms a cap for the wrought-iron outrigger, which can be shortened by removing the cap and cutting off the extra length.

The wood cross-arms carrying the line wire insulators are waterproofed with a baked enamel, and tipped with metal ferrules to prevent splitting. The inner one is supported by an adjustable sleeve, which can be clamped at any desired point, so as to clear signs or projections in the building.

Price, with 6-foot overhang and High Voltage Cross-Arm, as per cut—(Welkin).....$1.80

Same, with hard rubber bell insulator, for low voltages—(Welsh).....1.70

Other lengths furnished on short notice.

Cutter's Building Fixture

SIMILAR to above, but without the inner guide-arm.

Price, 3-foot, with High Voltage Cross-Arm—(Worldliness).....$1.30

Same, 6-foot—(Worldly)..... 1.50

Price, 3-foot, with Combination Cross-Arm, for low voltages—(Wondrous)..... 1.20

Same, 6-foot—(Wondrously)..... 1.50

Other sizes furnished on short notice.

Cutter's Pulleyed Outrigger

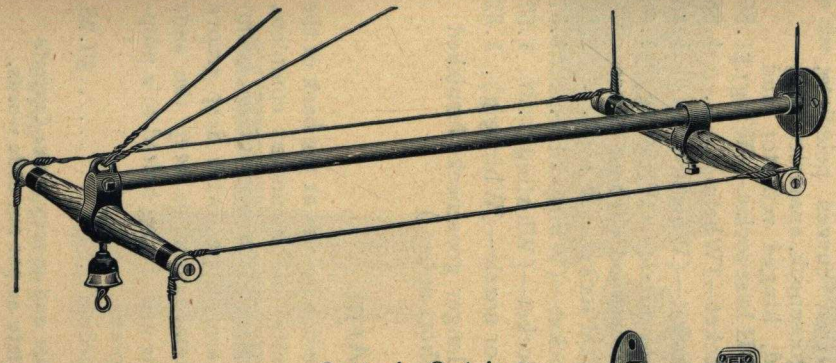
MEETS the demand for an outrigger for use high up on buildings, the lamp to be trimmed from the ground. Is fitted at its outer end with Cutter's Outrigger Pulley (which is lamp-supporting), while the inner end has a Cutter's Sleeve Pulley, which is also weather-proof, and which can be clamped at any desired point on the outrigger so as to clear projections in the building.

Price, complete, 6-foot—(Weevil).....$1.50

Same, with High Voltage Cross-Arm, fitted to pulley knob—(Weazen)..... 2.20

Other lengths furnished on short notice.

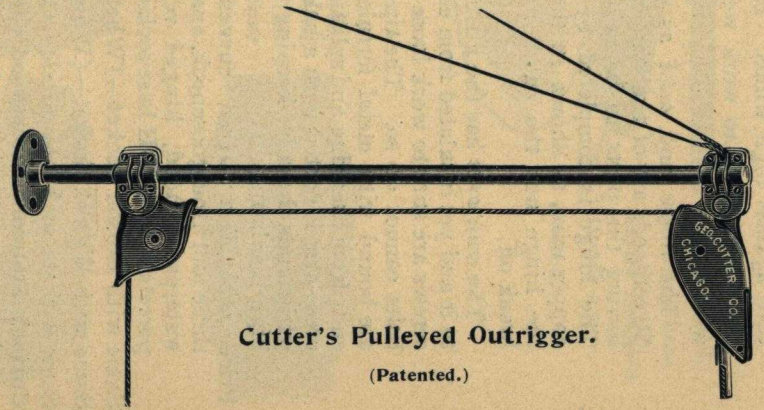
Use Cutter's ⅜ (or ½-inch) Banner Core Rope with Cutter's Pulleyed Outrigger.



Cutter's Outrigger.

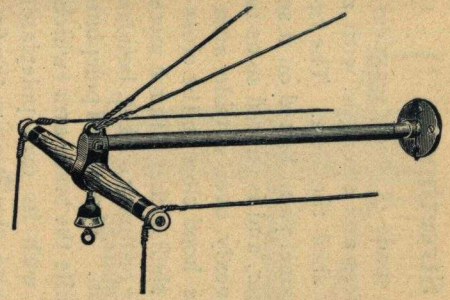
"Welkin."

(Patented.)



Cutter's Pulleyed Outrigger.

(Patented.)



Cutter's Building Fixture.

(Patented)

Cutter's Standard Streethood

HAS the hood proper made of steel, seamless, bell-shaped for neatness and strength, with a turned-under edge to shed the rain. The reflector has a white enamel paint baked on it so as to resist the weather, and is curved so as to distribute the light evenly over a wide area. The fittings bring the hood close to the cross-arm and the porcelain shell socket is much more quickly wired than any ordinary socket, besides giving better insulation. The curved poleplate firmly fits the pole, while the brace-arm (which is shipped complete with its own poleplate) guides the line wires and also steadies the fixture against high winds. Every part is made just right so as to work well, look well and wear well.

The *hinge* and *catch* as used on Cutter's Streethoods are of the "knock-down" type, allowing the parts to be nested for shipment. The hinge is completed by a short piece of copper wire, as shown in the cut, and neither the hinge nor the catch has metal flaps to break off.

The *cross-arm* has the fittings securely *bolted* to it and yet insulated from each other. Wood screws are sure to work loose in time, while the bolts cannot do so. The tips of the cross-arm are bound with metal ferrules to prevent the ends from checking and splitting, and the whole cross-arm is coated with a baked enamel, which withstands the rain, keeping the wood dry and high insulating.

Price, *with Brace Arm*, curved poleplate, three foot iron gooseneck, enameled arm, waterproof hood, hinged reflector and porcelain shell T-H base socket—(Whig).$1.85
Same with Edison Socket—(Whelm) 1.85
Same with Wghse. Socket—(Whistle)..... 1.85
Same without socket or nozzle—(Whistling). 1.60
Cutter's Standard Streethood without Brace Arm, but with T-H socket—(Whirl).... 1.57
Same with Edison Socket—(Whirlpool)..... 1.57
Same with Wghse. Socket—(Whirling)..... 1.57
Same without socket or nozzle—(Whirligig). 1.32

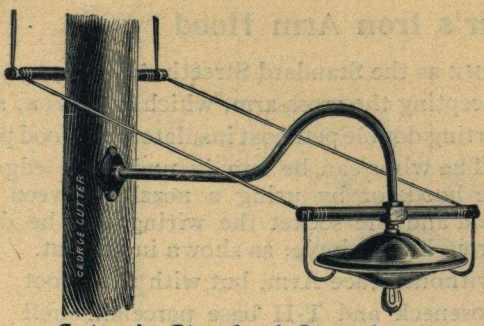
(Streethoods with longer goosenecks furnished on short notice.)

Cutter's Brace-Arm

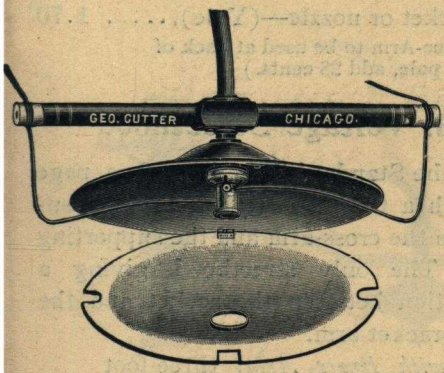
IS THE neatest device for use at the back of the pole and the only one furnished complete, ready to bolt in place. Consists of an enameled wood cross-arm, tipped with deep-groove insulators and metal bound to keep the ends from splitting, the arm being bolted to a properly curved poleplate.

Price, complete—(Wisdom).....$0.28

To save time, trouble and money order Cutter's Streethoods complete as per our code words.

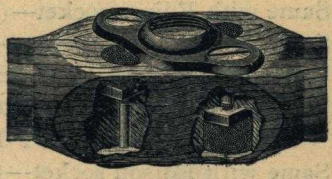


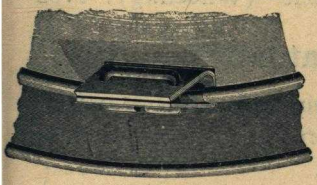
Cutter's Standard Streethood.



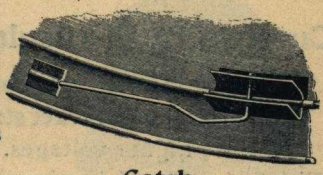
Hood opened, showing how easily Cutter's Hoods are wired.

Section of Cross-Arm, showing method of bolting the fittings (no screws to work loose in the wood).

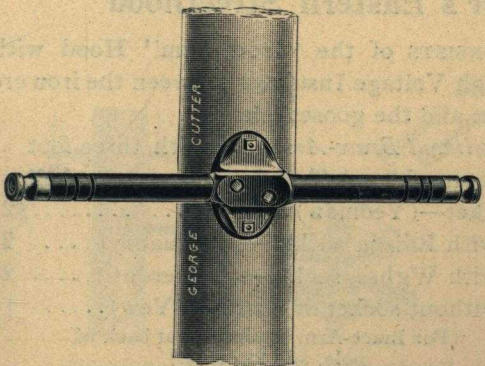




Hinge.



Catch.



Cutter's Brace-Arm. "Wisdom."

Cutter's Boulevard Streethood

AN ornamental form of Cutter's Standard Streethood, with a five-foot bracket and wrought-iron scroll trimmings. (Other lengths or special designs made to order on short notice.)

Price, with Brace-Arm and base porcelain shell T-H socket—(Willful)..... $2.75
Same, with Westinghouse socket—(Willing). 2.75
Same, with Edison socket—(Willed)..... 2.75
Same, without socket or nozzle—(Windmill). 2.50
Same, without Brace-Arm, but with T-H socket—(Wince)..... 2.48
Same, with Westinghouse socket—(Winding) 2.48
Same, with Edison socket—(Winnow)..... 2.48
Same, without socket or nozzle—(Windbound) 2.23

Cutter's "Avenue" Streethood

SAME as the above, with a High Voltage Insulator to adapt the fixture for use on high potential circuits.

Price, without brace-arm, but with T-H base porcelain shell socket—(Zebra)..... $2.92
Same, with Edison socket—(Zenith)..... 2.92
Same, with Westinghouse socket—(Zephyr).. 2.92
Same, without socket or nozzle—(Zero)..... 2.67

Cutter's Doorway Hood

WITH cross-arm and flange for use in doorways, on bridges, etc.

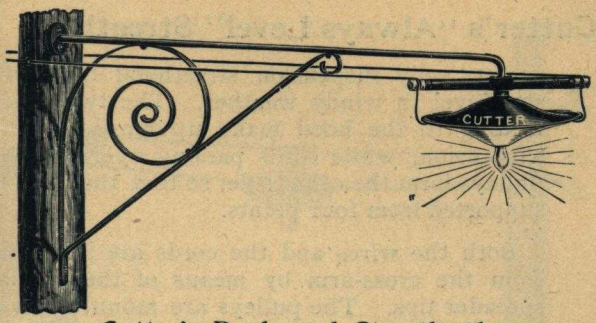
With T-H base socket—(Wonder)..... $1.25
With Edison base socket—(Wondering)..... 1.25
With Westinghouse base socket—(Wonderful) 1.25
Without socket or nozzle—(Wonted)..... 1.00

Cutter's Looped Hood

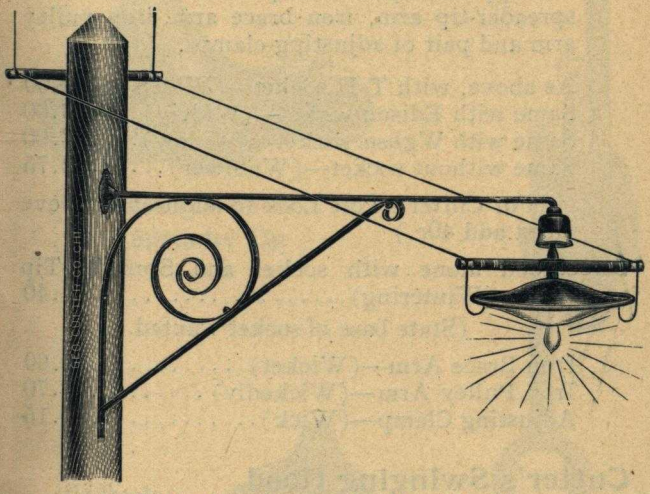
A SIMPLE suspension hood with enameled cross-arm and porcelain shell socket.

With T-H base socket—(Zibet)..... $1.25
With Edison base socket—(Zigzag)..... 1.25
With Westinghouse base socket—(Zither).... 1.25
Without socket or nozzle—(Zion)..... 1.00

Special types of incandescent street fixtures furnished on short notice.

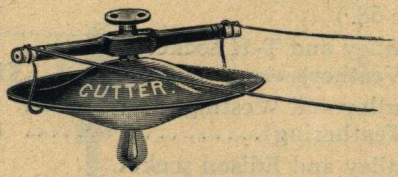


Cutter's Boulevard Streethood.

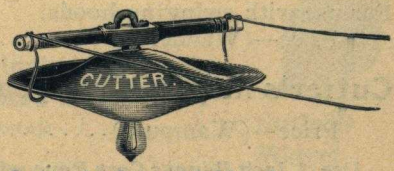


Cutter's "Avenue" Streethood.

(Patented.)



Cutter's Doorway Hood.



Cutter's Looped Hood.

Cutter's "Always Level" Streethood

Is THE only suspension streethood that will stay level in windy weather. The two wires leading to the hood make up one side of the suspension, while cords passing over covered pulleys form the other side, so that the hood is supported from four points.

Both the wires and the cords are insulated from the cross-arm by means of the special spreader tips. The pulleys are mounted on a wrought-iron bracket, while a wrought-iron brace-arm is used at the other pole. These parts are assembled before shipment, so that they can be quickly screwed in place. Then an adjustable clamp is placed near the end of each cord, so that these cords can be independently drawn up taut and then locked together.

Shipped complete with porcelain shell socket, spreader-tip arm, iron brace arm, iron pulley arm and pair of adjusting clamps.

As above, with T-H socket—(Widen) ..$3.00
Same with Edison socket—(Widely).... 3.00
Same with Wghse. socket—(Widow).... 3.00
Same without socket—(Widower)..... 2.75

(For Cutter's Pole Lock in addition to above outfit add 40c.)

Streethood alone with socket and Spreader-Tip Arm—(Wintering).....$1.40

(State base of socket wanted.)

Iron Brace Arm—(Wicket).....$0.60
Iron Pulley Arm—(Wickedly)..... .70
Adjusting Clamp—(Wick)..... .15

Cutter's Swinging Hood

This older form of suspension streethood, while not equal to the "ALWAYS LEVEL" hood, is still very popular in places where high winds are rare, or where the higher first cost bars out the other form of suspension. It is fitted direct to the knob of a Cutter's Petite (lamp-supporting) Pulley, and furnished complete with cross-arm and Cutter's Streethood Socket. (See page 58.)

With Petite pulley and T-H socket.
Price—(Weather).....$1.75
With Petite pulley and Westinghouse socket.
Price—(Weathering)..... 1.75
With Petite pulley and Edison socket.
Price—(Weary)..... 1.75

Cutter's Petite Pulley

Alone, with knob, Price—(Wrinkle)....$0.50

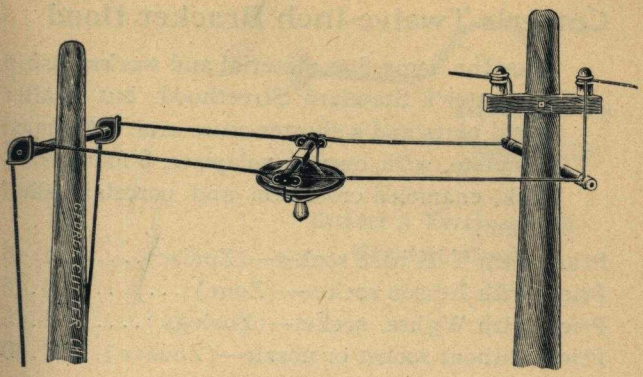
Cutter's Midget Pole Pulley

For use with swinging hoods.
Price—(Wanderer).....$0.30

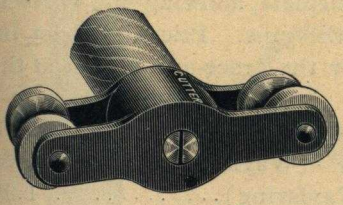
Cutter's Midget Changeable Pulley

Price—(Wampum).....$0.35

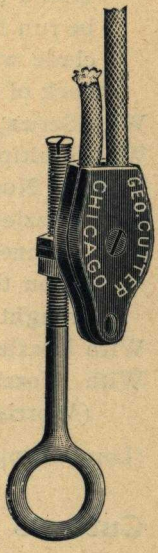
Use $\frac{3}{16}$ inch Banner Core Rope with Always Level Hoods, $\frac{1}{4}$ or $\frac{5}{16}$ with Swinging Hoods.



Cutter's "Always Level" Streethood.

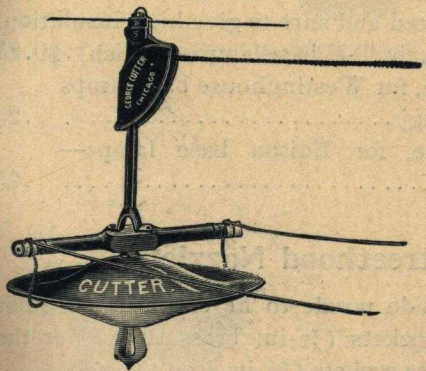


"Always Level" Spreader Tip



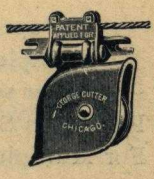
Adjusting Clamp

Cutter's Pole Lock.
(see page 18.)



Cutter's Swinging Hood (with Petite Pulley)
(Patented)

Cutter's Midget Pole Pulley.



Cutter's Midget Changeable Pulley.

Cutter's Twelve-Inch Bracket Hood

HAS the same fine material and workmanship as Cutter's Standard Streethood, but smaller metal parts and a shorter cross-arm. Shipped complete, with curved poleplate, 3-foot goose-neck, enameled cross-arm and porcelain shell socket.

Price, with T-H base socket—(Zodiac)..... $1.45
Price, with Edison socket—(Zone)..... 1.45
Price, with Wghse. socket—(Zoology)..... 1.45
Price, without socket or nozzle—(Zouave)... 1.20

(Longer lengths of goosenecks furnished to order.)

Cutter's Inner-Wired Hood

HAS a special poleplate, allowing the wires to be run through the pipe. Price does not include wiring, nor the brace-arm shown at the back of the pole.

With Series Nozzle—(Waybill)..... $1.20
With Multiple Nozzle—(Wayfarer)..... 1.20
Without Nozzle—(Wayfaring)..... 1.10
With Nozzle and T-H socket—(Waywardness) 1.45

(Inner-wired hoods require a nozzle in addition to the socket, to allow the wires to be brought out of the iron pipe.)

With Nozzle and Edison socket—(Worried). $1.45
With Nozzle and Westinghouse socket—(Worrisome)..... ..... 1.45

(Longer lengths of goosenecks furnished to order.)

Cutter's Streethood Socket

HAS the metal terminals well insulated from the threaded flange, which fastens it to the hood proper. The terminals are exposed on the porcelain shell so that the wires can be run direct to them without being fished through a narrow opening, thus making a socket that is quickly wired and sure to give high insulation.

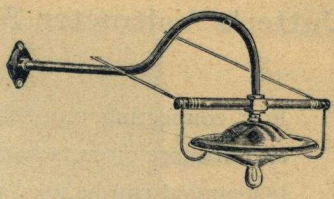
Price, complete, for T-H base lamps—(Wish). $0.25
Price, complete, for Westinghouse base lamps—(Wishing)..... .25
Price, complete, for Edison base lamps—(Wishful)..... .25

Cutter's Streethood Nozzle

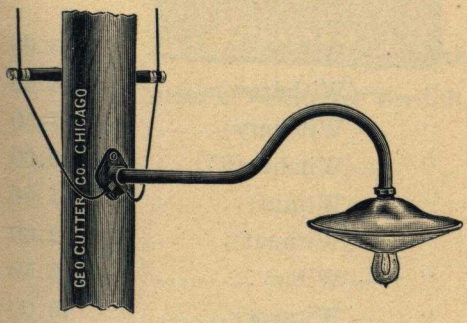
AN open-side nozzle to fit either the regular multiple sockets (⅛-in. brass thread) or the larger series sockets (⅜-in. iron thread).

For Series Sockets—(Wife)..... $0.10
For Multiple Sockets—(Winter)..... .10

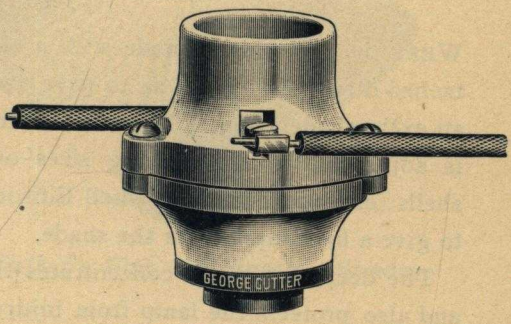
If you want the most practical and durable, see that you get "George Cutter's" complete outfits.



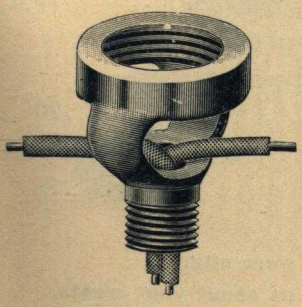
Cutter's Twelve-Inch Bracket Hood.



Cutter's Inner-Wired Hood.



Cutter's Streethood Socket.



Cutter's Multiple Nozzle.

Cutter's Voltmeter Switch

FOR connecting one voltmeter with any one of two or more circuits so that a single first-class instrument can be used in place of half a dozen cheap and unreliable ones. Mounted on polished hard rubber base, with adjustable spring contacts. By connecting two of the terminals to the ground it becomes an excellent ground-detector, such as is now called for by the Board of Underwriters.

Price for	2	circuits	—(Witch).....	$ 5.00
Same for	3	"	—(Withdraw).....	6.00
"	4	"	—(Witchery).....	7.50
"	6	"	—(Witchcraft).....	10.00
"	8	"	—(Within).....	11.00
"	10	"	—(Without).....	12.00
"	12	"	—(Witty).....	13.50
"	16	"	—(Witness).....	16.00

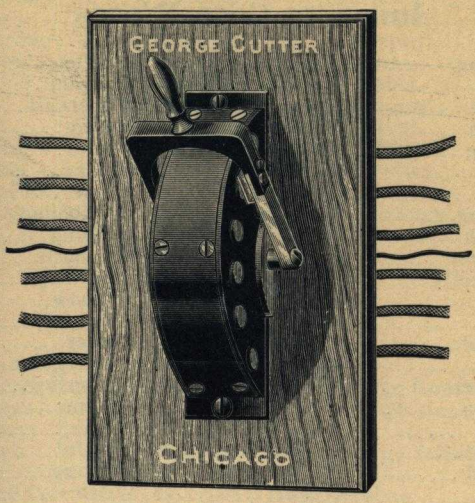
Cutter's Combination Tin Shades

WERE the first shades made with a clamp attached direct to them so as to save the cost of an extra shadeholder. The new style of clamp is adjustable to the varying sizes of socket shells (excepting the large shell Edison), so as to give a firm support for the shade.

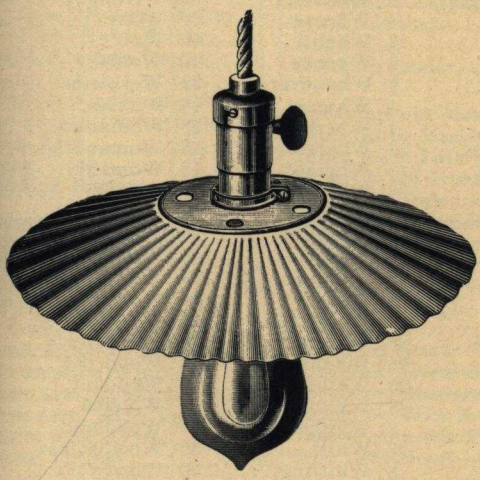
The deep cone form concentrates the light and also protects the lamp from injury, hence it is specially recommended for use in offices, warerooms and shops. Both forms are green on top, white enameled inside, and ventilated.

Cone Combination Shade—(Wigwam).....	$0.22
Flat Combination Shade—(Wielding).....	.12½
Edison Cone Shade, similar to above, but with collar for Edison Sockets—(Would).....	.20
Flat Edison Shade, with collar for Edison Sockets—(Woven).....	.12

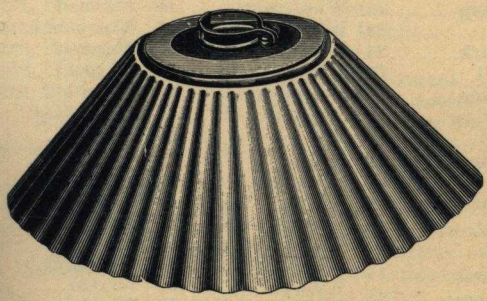
Did you find what you were after?
If not, write us about your wants.



Cutter's Voltmeter Switch.



Cutter's Flat Combination Shade.



Cutter's Cone Shade.

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Telegraphic Code

CUSTOMERS telegraphing orders or wiring for information can use the following code words, which, in connection with those running through the catalog will greatly reduce the cost of the message. Thus: "Freight twenty each wagering wabble warfare warning welter," makes a brief telegram, which we will understand as meaning: "Ship us by freight twenty Cutter's Lamp-Supporting Pulleys with High Voltage Cross-Arm fitted direct to pulley knob, twenty Cutter's Swivel Pole Pulleys, twenty Cutter's Wire Rope Insulators, twenty Cutter's Rope Clamps and twenty Cutter's Pole Locks.

"Donald" — Have you in stock? If not, how soon can you ship?
"Daniel"—Add to our order.
"David"—Change our order to call for....
"Gabriel"—How soon can you make complete shipment of....
"Henry"—Will send shipping instructions later.
"Enoch"—Can ship in....
"Eustace"—Can begin shipping at once and complete in....
"Joshua"—Answer by mail.
"Howard" — Referring to our communication dated the....
"Honora" — Referring to your communication dated the....

Caution

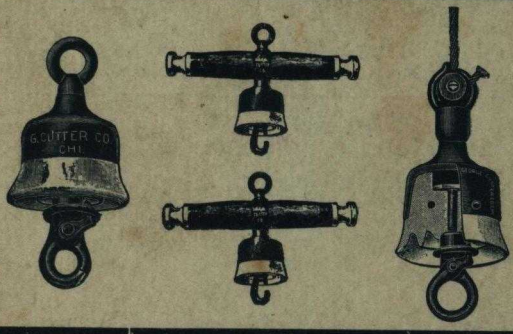
LIKE other good things, the George Cutter Specialties have had their imitations, some of which are even offered under similar names. Anyone who has made a comparison between these and the original will not be misled by them; for the crude imitations have neither the ingenious simplicity of the genuine (which features are covered by numerous patents) nor the material and workmanship needed for durability, nor that careful attention to details which has made the genuine articles so successful in practice. That is why experienced station managers and competent engineers are agreeing on this maxim:

"It pays to specify the George Cutter Specialties."

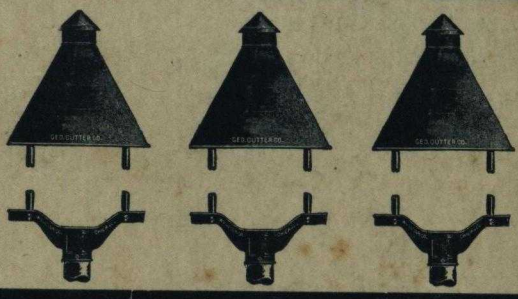
Press of
The Wagner & Hanson Co.
Chicago

CUTTER'S

Electric Light Specialties



"STILL THERE'S MORE TO FOLLOW"

George Cutter Co.

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